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1933–1956

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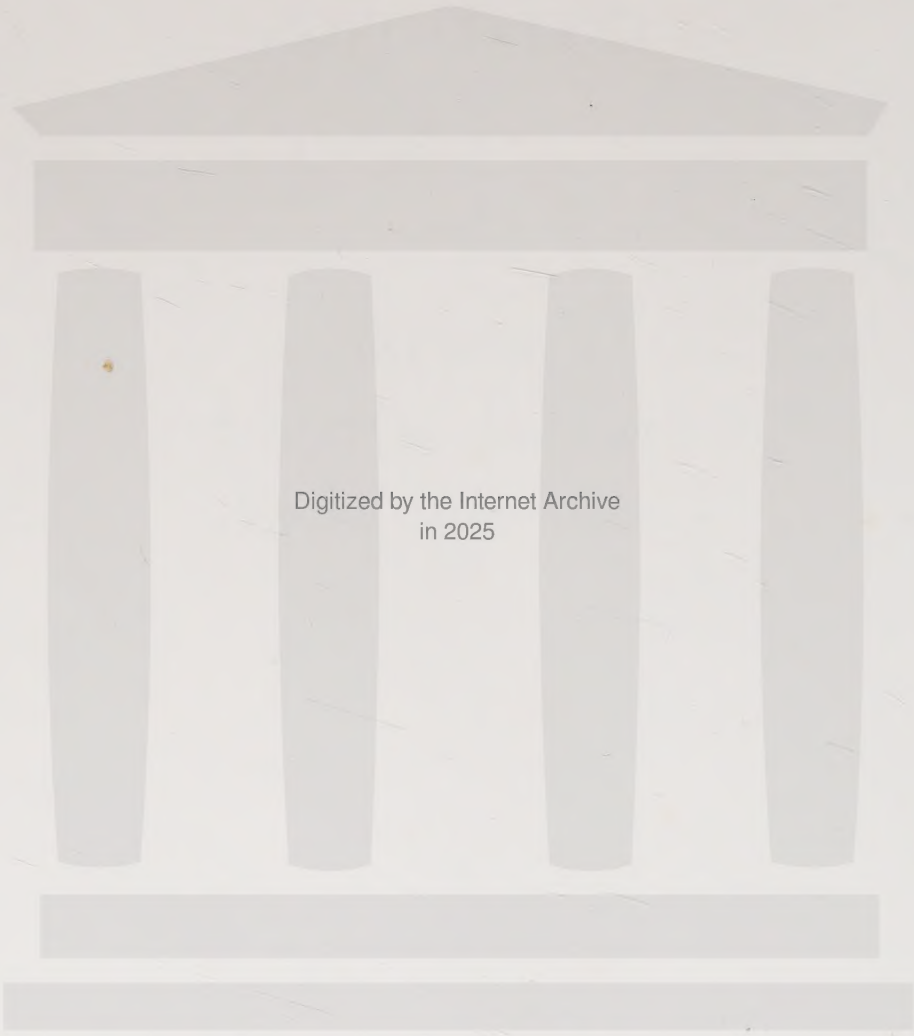
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INTRODUCTION

THE AUTHOR INDEX has been brought up-to-date through 1956. During this revision, it became apparent that its usefulness could be greatly increased by the addition of cross references. Thus, a Subject-Locality Index and a Taxonomic Index are also now included in this pamphlet.

The chief purpose of the Subject-Locality Index is to direct the reader's attention to the authors in the several fields of oceanography. As these fields tend to overlap, the headings have been kept as general as possible in order to keep the pamphlet compact. At the same time it is believed that sufficient detail is included to guide the reader to topics of his particular interest.

The Taxonomic Index includes only those species in the purely taxonomic papers which have been of sufficient importance to be given a separate heading in these papers. This should enable the systematist to discover descriptions of new species and discussions of others that might be otherwise difficult to locate. On the other hand, for practical reasons, synonymies and the names of organisms mentioned in purely anatomical, physiological or ecological papers have been excluded. Likewise, species in well-indexed books are not listed but attention is drawn to these books in footnotes.

Lists of the contributions arranged numerically and approximately in chronological order, will be found in the annual volumes of COLLECTED REPRINTS issued by the Woods Hole Oceanographic Institution. Most of the contributions are to be found in COLLECTED REPRINTS or in PAPERS IN PHYSICAL OCEANOGRAPHY AND METEOROLOGY.

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For species considered from a taxonomic point of view, see Taxonomic Index. Purely taxonomic papers are not included in the Subject and Locality Index.

In general, hydrographic data collected aboard Institution vessels are published in the *Bulletin Hydrographique*, Conseil Permanent International pour l'Exploration de la Mer.

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Eleuthera Island	Ewing, Woollard, Vine & Worzel (351) 1946
engineering problems, see: oceanographic applications	
entrainment (air)	Bunker (631) 1953; Malkus, J. S. (475) 1950; (595) 1952; (609) 1952; (667) 1954
environmental control	Spilhaus (847) 1956
enzyme poisons	Rakestraw & Von Brand (371) 1947
Eocene sediment outcrop	Northrop & Heezen (523) 1951
"equivalent mountain"	Stern & Malkus (625) 1953
erosion	Stetson & Schalk (52) 1935
estuaries	Arons & Stommel (544) 1951; Barlow (753) 1955; Farmer & Morgan (638) 1953; Farmer & Stommel (587) 1953; Ketchum (515) 1950; (516) 1951; (536) 1951; (598) 1954; (642) 1953; (772) 1955; Ketchum, Ayers & Vaccaro (561) 1952; Ketchum, Carey & Briggs (446) 1949; Ketchum & Keen (593) 1953; (775) 1951; Ketchum, Redfield & Ayers (549) 1951; Redfield & Walford (586) 1951; Stommel (640) 1953; (655) 1953; Stommel & Farmer (587) 1953; Watson (88) 1936
estuarine circulation	Ketchum (589) 1954; (642) 1953; Redfield (627) 1952
estuarine water	Redfield (394) 1948
euphausids, ecology-physiology	Hersey & Moore (412) 1948; Leavitt (59) 1935; (174) 1938; Moore (406) 1949; (535) 1950; (581) 1952; Waterman, Nunnemacher, Chace & Clarke (205) 1939

evaporation	Bunker (618) 1952; Craig & Montgomery (478) 1949; Iselin (312) 1942; Montgomery (235) 1940; (576) 1952
explosions, see: underwater explosions	
explosive sound propagation	Pekeris (415) 1948
faulting	Stetson (646) 1953
ferrous sulphate (acid) waste	Ketchum & Ford (567) 1952; Ketchum, Redfield & Ayers (549) 1951; Redfield & Walford (586) 1951
fertilization of sea water	Edmondson (781) 1955; Edmondson & Edmondson (414) 1947; Ketchum (366) 1951; Pratt (466) 1949; (497) 1950
fish ecology, etc.	Backus, Springer & Arnold (814) 1956; Bigelow & Schroeder (210) 1939; Bullis & Mather (774) 1956; Graham (96) 1936; Hsaio (254) 1940; Lee (304) 1942; (317) 1942; Mather (599) 1952; (611) 1952; (702) 1954; Mather & Day (651) 1954; Mather & Schuck (606) 1952; Moulton & Backus (802) 1955; Redfield (281) 1941; Schroeder (309) 1942; (396) 1947; (790) 1955; Waterman (432) 1948
fish physiology, etc.	Abramowitz (213) 1939; Clarke, G. L. (100) 1936; Collins (585) 1952; Green & Root (7) 1933; Griffin (789) 1955; Haugaard & Irving (293) 1943; Irving, Solandt & Solandt (75) 1935; Lee (324) 1942; Marshall (341) 1946; Moulton (862) 1956
fisheries	Iselin (171) 1938; (792) 1955
Florida	Ketchum & Keen (419) 1948; Weiss (404) 1948
Florida Current	Clarke & Wertheim (821) 1956; Iselin (51) 1934; (108) 1936; Montgomery (170) 1938; (303) 1941; Moore (756) 1955; Stommel (645) 1953
Florida Current, see also: Straits of Florida	
flow patterns	Spilhaus (158) 1937
flushing of estuaries	Arons & Stommel (544) 1951; Ketchum (515) 1950; (536) 1951; (642) 1953; Ketchum, Ayers & Vaccaro (561) 1952; Ketchum & Keen (593) 1953; (775) 1955; Ketchum, Redfield & Ayers (549) 1951; Redfield & Walford (586) 1951
flushing of harbors	Redfield (627) 1952
food cycle	Clarke, G. L. (212) 1939; Clarke, G. L. & Gellis (66) 1935; Keys, Christiensen & Krogh (79) 1935; Riley (762) 1955
food of herring	Johnson, W. H. (310) 1942
foraminifera (see also Taxonomic Index)	Myers (314) 1942; (316) 1942; (327) 1943; Parker (376) 1948; (589) 1952; (590) 1952; Phleger (204) 1939; (297) 1942; (338) 1945; (364) 1947; (429) 1948; (484) 1949; (565) 1951; (591) 1952; Phleger & Hamilton (344) 1946; Phleger & Parker (566) 1951; Phleger & Walton (507) 1950; Said (541) 1951; (588) 1953
foreshadowing	Schell (797) 1956
fossils	Bassler (84) 1936; Stephenson (81) 1936
fouling	Castle (539) 1951; Laidlaw (613) 1952; Pomerat & Weiss (349) 1948; Smith, F. G. W. (378) 1947; Turner, Reynolds & Redfield (380) 1948; Weiss (385) 1947; (390) 1948; (404) 1948; Woods Hole Oceanographic Institution (590) 1952[1]
fountain, perpetual salt	Stommel, Arons & Blanchard (799) 1956

freezing intertidal animals — Kanwisher (778) 1955
frictional drag — Bunker (631) 1953
frictional force between air and water — Rossby (102) 1936
frictional influence on currents — Rossby & Montgomery (71) 1935
frontal waves — Faller (754) 1956
frontogenesis — Newton (723) 1954
frontolysis — Newton (723) 1954
fronts — Faller (754) 1956
fungi, marine — Sparrow (73) 1937; Vishniac (869) 1956

gas exchange in mangrove roots — Scholander, Van Dam & Scholander (710) 1955
gastropod locomotion — Welsh (21) 1933
gauges, see: piezoelectric gauges
geomagnetic electrokinetograph measurements — Soule, Branson & Dinsmore (601) 1953; Soule, Carter & Cheney (467) 1950; Fuglister & Worthington (548) 1951; Worthington (694) Von Arx (499) 1950; (526) 1951
geophysics, see: submarine geophysics
Georges Bank — Bassler (84) 1936; Chase (735) 1955; Clarke, G. L. (363) 1946; Clarke, G. L., Pierce & Bumpus (328) 1948; Gran (9) 1933; Hsaio (254) 1940; Officer & Ewing (662) 1954; Riley (287) 1941; (315) 1942; (353) 1946; (368) 1947; Riley & Bumpus (352) 1946; Schroeder (790) 1955; Sears (299) 1941; Stephenson (81) 1936; Stetson (76) 1935; (80) 1936; (143) 1937; Turner & Posgay (715) 1954; Whiteley (395) 1948
Georgia Straits — Redfield (529) 1950
geostrophic velocity (no meridional) — Stommel (846) 1956
geosynclines — Trask (454) 1948
glacial deposits — Stetson & Schalk (52) 1935
glacial gas enclosures — Coachman, Hemmingsen & Scholander (831) 1956
glacial history — Hough (641) 1953
grampus — Schevill (654) 1954
Grand Banks — Smith, Soule & Mosby (107) 1937; Soule (154) 1938; (173) 1939; (230) 1939; (215) 1940; (256) 1940; (286) 1942; (550) 1951; (551) 1951; (637) 1954; Soule & Barnes (500) 1950; Soule, Branson & Dinsmore (601) 1953; Soule, Bush & Murray (675) 1955; Soule, Carter & Cheney (467) 1950; Soule & Challender (463) 1949; Soule & Murray (758) 1955; (801) 1956
gravity measurements — Villinger (4) 1933
grazing — Riley (353) 1946; Riley & Bumpus (352) 1946
Great Pond, Falmouth — Barlow (753) 1955; Hulburt (764) 1956; Ketchum (516) 1951; Said (588) 1953
Great South Bay, Long Island — Ryther (685) 1954
ground layer — Bunker (618) 1952; Malkus, J. S. (727) 1955
ground stress measurements — Montgomery & Sheppard (383) 1947
ground wave — Pekeris (415) 1948

Gulf of California	Bigelow (239) 1940
Gulf of Honduras	Mather (611) 1952
Gulf of Maine	Bigelow, Lillick & Sears (259) 1940; Bigelow & Schroeder (119) 1936; (210) 1939; (592) 1953; Braarud (46) 1934; Bunker (572) 1952; (605) 1953; (631) 1953; Clarke, G. L. (33) 1933; (48) 1934; Fish (85) 1936; (48) 1934; Fish & Johnson (135) 1937; Gran (9) 1933; Gran & Braarud (69) 1935; Hsiao (206) 1939; Lillick (189) 1938; (259) 1940; (262) 1940; Parker (589) 1952; Rakestraw (8) 1933; (110) 1936; Rakestraw & Lutz (29) 1933; Rakestraw, Mahncke & Beach (120) 1936; Redfield (127) 1937; (196) 1939; (281) 1941; (442) 1948; Redfield & Beale (279) 1940; Redfield & Keys (159) 1938; Richards & Redfield (695) 1954; Schroeder (309) 1942; Waksman, Reuszer, Carey, Hotchkiss & Renn (10) 1933
Gulf of Mexico	Bigelow & Schroeder (554) 1951; (610) 1952; (657) 1954; Bigelow, Schroeder & Springer (596) 1953; (787) 1955; Burkenroad (203) 1939; Clarke, G. L. (168) 1938; Fairbank (798) 1956; Gealy (650) 1955; Hersey & Moore (412) 1948; Mather (611) 1952; Phleger (565) 1951; Phleger & Parker (566) 1951; Riley (150) 1937; Stetson (646) 1953; (782) 1955; Stommel & Woodcock (553) 1951; Trask (647) 1953; Trask, Phleger & Stetson (424) 1947
Gulf of Venezuela	Redfield (776) 1955
Gulf Stream	Ford (459) 1949; Ford & Miller (619) 1952; Fuglister (557) 1951; (584) 1951; (668) 1954; (749) 1955; Fuglister & Worthington (548) 1951; Haurwitz & Panofsky (513) 1950; Iselin (27) 1933; (108) 1936; (171) 1938; (180) 1938; (261) 1940; (612) 1952; Iselin & Fuglister (451) 1948; Redfield (122) 1936; Richards & Redfield (688) 1955; Seiwell (62) 1940; (226) 1929; (263) 1940; Soule (215) 1940; Spilhaus (251) 1941; (290) 1941; Stommel (552) 1951; (645) 1953; (796) 1955; Stommel, Von Arx, Parson & Richardson (644) 1953; Von Arx (621) 1952; Von Arx, Bumpus & Richardson (794) 1955; Worthington (694) 1954; (717) 1954
gust velocities	Bunker (618) 1952
Hawaii	Blanchard (658) 1953; Woodcock (643) 1953; (660) 1953; Woodcock & Mordy (757) 1955; Woodcock & Blanchard (768) 1955
hearing, fishes and cetaceans	Griffin (789) 1955
heat dissipation in mammals	Scholander (755) 1955
heat exchange, vascular, see: vascular heat exchange	
heat exchange measurement, see: computer for measurement of turbulent heat exchange	
heat flows	Bunker (682) 1956
heating (diurnal)	Stommel & Woodcock (553) 1951
heating, see also: warming	
heat transfer	Craig (468) 1949; Montgomery (576) 1952; Soule (215) 1940; (256) 1940; (286) 1942; Soule & Barnes (500) 1950; Soule, Carter & Cheney (467) 1950
heat transport	Malkus, W. V. R. (620) 1954; (670) 1954

helium-neon in sea water — Rakestraw, Herrick & Urry (228) 1939
hemocuprein — Redfield (525) 1950
hemocyanin — Felsenfeld (614) 1954; Redfield (22) 1934; (525) 1950; Redfield & Ingalls (16) 1933; Root (38) 1934
hemoglobin — Redfield (13) 1933; Root & Green (50) 1934; Van Dam & Scholander (633) 1953
hemoglobin, see also: blood
hepatocuprein — Redfield (525) 1950
high water, see: tides
H-ion concentration effect — Scott (336) 1945
homeotherms — Scholander (755) 1955
hormones in Crustacea and dogfish — Abramowitz (213) 1939; Abramowitz, Hisaw, Boettiger & Papandrea (246) 1940; Abramowitz, Hisaw & Papandrea (329) 1944
horseshoe crab, ecology-physiology — Redfield & Ingalls (16) 1933; Root (38) 1934; Turner (615) 1952; Turner, Sawyer, Shuster & Posgay (564) 1951; Welsh (21) 1933
Hudson Canyon — Ericson, Ewing & Heezen (575) 1951; Tolstoy (559) 1951
humidity — Bunker, Haurwitz, Malkus & Stommel (465) 1949; Craig (358) 1947; (362) 1946; Emmons (413) 1947; Montgomery (235) 1940
humus, see: marine humus
hydrography — Bumpus & Pierce (760) 1955; Ketchum (515) 1950; Parr (125) 1937; (155) 1937; (179) 1938; Redfield (776) 1955; Riley (578) 1952; Roelofs & Bumpus (547) 1953; Watson (88) 1936
hydrography, see chiefly under individual hydrographic components and geographical locations
hydroscope — Thorndike (767) 1955
hydrostatic instability — Spilhaus, Ehrlich & Miller (479) 1950
ice — Nutt & Coachman (831) 1956; Schell (603) 1952; (745) 1956; Sverdrup (1) 1933; Woodcock & Riley (372) 1947
icebergs — Soule (637) 1954; Soule & Challender (463) 1949; Schell (574) 1952; (594) 1952; Scholander, Kanwisher & Nutt (818) 1956
illumination, submarine — Clarke, G. L. (26) 1933; (33) 1933; (100) 1936; (101) 1936; (166) 1938; (168) 1938; Clarke, G. L., & Backus (858) 1956; Clarke & Oster (45) 1934; Clarke, G. L., & Wertheim (821) 1956; Moore (535) 1950; Oster & Clarke (58) 1935; Whitney (295) 1951
instability, see: hydrostatic instability
instrumentation — Hersey (697) 1954; Vine (696) 1954; (806) 1955; Von Arx (689) 1954
instrumentation, see chiefly under individual instruments
insulation, body, see: body insulation
intermediate water — Smith, Soule & Mosby (107) 1937; Soule (286) 1942; Soule & Barnes (500) 1950; Soule, Carter & Cheney (467) 1950

internal mixing — Haurwitz (477) 1950; Iselin (108) 1936
internal waves — Haurwitz (445) 1948; (477) 1950; (678) 1952; Kierstead (582) 1952; Seiwell (186) 1938; (264) 1941; (276) 1941; (291) 1942; Soule, Bush & Murray (675) 1955
inversion — Bunker (618) 1952
Ipswich Beach, Massachusetts — Schalk (350) 1946
iron — Ketchum, Redfield & Ayers (549) 1951; Rakestraw, Mahncke & Beach (86) 1936; Seiwell, G. E. (63) 1935
iron assimilation — Ketchum (687) 1954
Iselin Bank, bathymetry of — Roos (91) 1937
isentropic analysis — Montgomery (153) 1937; (190) 1938; Montgomery & Spilhaus (288) 1941; Soule (230) 1939; (256) 1940
isotherms, see: temperature
James River — Ketchum (642) 1953
jellyfish, see: medusae
jets, see: ascending jets
Juan de Fuca Straits — Redfield (529) 1950
Knudsen's formula, see: density tables
Korea — Riley & Von Arx (472) 1949
Labrador — Nutt & Coachman (831) 1956
Labrador Current — Soule (154) 1938; (173) 1938; (215) 1940; (256) 1940; (286) 1942; (550) 1951; (551) 1951; (637) 1954; Soule & Barnes (500) 1950; Soule, Branson & Dinsmore (601) 1953; Soule, Bush & Murray (675) 1955; Soule, Carter & Cheney (467) 1950
Labrador Sea — Fish (737) 1955; Holmes (813) 1956; Smith, Soule & Mosby (107) 1937; Soule (215) 1940; (286) 1942; (550) 1951; (551) 1951; (637) 1954; Soule, Branson & Dinsmore (601) 1953; Soule, Bush & Murray (675) 1955; Soule, Carter & Cheney (467) 1950; Soule & Murray (758) 1955
Labrador Shelf — Soule & Challender (463) 1949
Labyrinthula — Vishniac & Watson (623) 1953
laccase — Redfield (525) 1950
Lake Maracaibo — Friedman, Norton, Carter & Redfield (837) 1956
laminar boundary layer — Rossby (102) 1936
land drainage — Mitchell & Solinger (42) 1934
latent heat — Malkus, J. S., & Ronne (716) 1954
lateral eddy diffusivity — Riley (577) 1951; (579) 1952; Seiwell (177) 1938; Stommel (552) 1951
lateral eddy viscosity — Stommel (796) 1955
lateral mixing, see: mixing
lateral movements, see: turbulance, oceanic
lee waves — Malkus, J. S., & Stern (624) 1953; Stern & Malkus (625) 1953
life cycle in the sea — Renn (133) 1937; Waksman (23) 1934; Waksman, Hotchkiss & Carey (18) 1933
life tables — Deevey, E. S., Jr. (384) 1947
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light absorption — Clarke, G. L., & James (193) 1939; Powell & Clarke (98) 1936

light, effect of — Ketchum (366) 1951; Osborn (427) 1948; Weiss (400) 1947

light reflection — Powell & Clarke (98) 1936

lights, see: underwater lights

limiting wave lengths — Pekeris (415) 1948

Limulus, see: horseshoe crab

lipids, extraction of — Hsiao (409) 1948

locomotion — Welsh (21) 1933

Long Island Sound — Hutchins (332) 1945; Parker (590) 1952; Redfield (529) 1950; Riley (578) 1952; (762) 1955

Loran — Miller (718) 1951

luminescence, see: bioluminescence

magnesium assimilation — Ketchum (687) 1954

mammals, see: heat dissipation, porpoises, whales, etc.

manganese assimilation — Ketchum (687) 1954

maps of world ocean — Spilhaus (318) 1942

marine borers, protection against — Ayers (680) 1954; Turner (615) 1952

marine humus — Waksman (5) 1933; (12) 1933; Waksman, Reuszer, Carey, Hotchkiss & Renn (10) 1933

marine muds — Renn (257) 1940

marine plants — Ketchum (377) 1947

Marshall Islands — Barnes, Bumpus & Lyman (420) 1948; Ford (422) 1949; Sears (481) 1950

Massachusetts Bay — Craig (362) 1946; (358) 1947; (468) 1949; Craig & Montgomery (478) 1949; Stetson & Schalk (52) 1935

mass cultures — Ketchum & Redfield (172) 1938

mass mortality — Woodcock (389) 1948

meanders — Haurwitz & Panofsky (513) 1950; Iselin & Fuglister (451) 1948; Stommel (645) 1953

Mediterranean — Moore (535) 1950; Phleger (364) 1947; Pollak (556) 1951

Mediterranean outflow — Iselin (104) 1936

medusae — Bigelow (147) 1938; (239) 1940; Moore (406) 1949

melanophores, see: chromatophores

melanosis — Hsiao (253) 1941

membrane filters, see: "millipore"

Menemsha Bight bottom fauna — Lee (330) 1944

mercury compounds — Ferry & Riley (345) 1946

Merrimack River mouth hydrography — Ford (459) 1949

metabolism of diatoms — Clarke, G. L. (101) 1936

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methaemocyanin — Redfield (22) 1934

micro gasometric apparatus for oxygen and nitrogen determination — Scholander, Van Dam, Claff & Kanwisher (795) 1955

Mid-Atlantic Ridge — Iselin (108) 1935; Tolstoy (559) 1951; Tolstoy & Ewing (498) 1949

midwater trawl — Backus & Hersey (834) 1956

military oceanography — Seiwell (354) 1946

"millipore" membrane filters — Creitz & Richards (736) 1955

minerals in sediments — Fairbank (798) 1956

mineral nutrition of phytoplankton — Ketchum (687) 1954

Mississippi River drainage — Riley (150) 1937

mixing — Iselin (108) 1936; Ketchum (516) 1951; Ketchum & Ford (567) 1952; Ketchum & Keen (593) 1953; Miller (518) 1950; Montgomery (245) 1940; (252) 1943; Nutt & Coachman (831) 1956; Parr (97) 1936; (179) 1938; Redfield (196) 1956; Rossby & Montgomery (71) 1935; Soule (154) 1938; (215) 1940; Stommel (640) 1953; (655) 1953; Watson (88) 1936

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models — Decius (393) 1948; Faller (754) 1956; Spilhaus (158) 1937; Von Arx (681) 1956

Mohorovičić discontinuity — Officer & Ewing (662) 1954

moisture budget — Malkus, J. S. (727) 1955

moisture gradients — Bunker (605) 1953

moisture inhomogeneities — Langwell (443) 1948

molluscs, ecology-physiology-industry — Ayers (766) 1955; Redfield & Ingalls (16) 1933; Turner (615) 1952; (630) 1952; (656) 1953; (777) 1955; (783) 1955; Turner, Ayers & Wheeler (462) 1948; Turner, Connell & George (876) 1955; Turner & Posgay (715) 1954; Turner, Sawyer, Shuster & Posgay (564) 1951; Turner & Scher (783) 1955; Van Dam (705) 1954; Wald (284) 1941; Welsh (21) 1933

molluscs, see also: pteropods

momentum transfer — Montgomery (102) 1936; Rossby (102) 1936

Moriches Bay, Long Island — Ketchum (598) 1954; Ryther (685) 1954

motionless surface — Soule (173) 1938; (230) 1939; (256) 1940; Stommel (846) 1956

motions, second-class — Arons & Stommel (855) 1956

Mount Hope Bay — Ford (459) 1949; Ketchum, Carey & Briggs (446) 1949; Ketchum (642) 1953

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Muir Sea Mount — Tolstoy (559) 1951

mussel poisoning — Clarke, G. L. (360) 1947

mycetozoa, see: Labyrinthula, eel grass parasite

mysids — Waterman, Nunnemacher, Chace & Clarke (205) 1939

Nantucket — Bunker (605) 1953; Malkus, J. S., & Bunker (617) 1952; Malkus, J. S., Bunker & McCasland (534) 1951; Malkus, J. S. (609) 1952; Malkus & Stern (624) 1923; Malkus, J. S., & Scorer (706) 1955; Stern & Malkus (625) 1953

Narragansett Bay — Said (491) 1951

navigation, application of oceanography to — Redfield (514) 1950

neon, see: helium-neon in sea water

nerve impulses — Irving, Solandt & Solandt (75) 1935

nets, see: plankton closing net; plankton sampler

neurohumor — Parker (113) 1936; (131) 1937

New Bedford sewer outfall — Ketchum, Carey & Briggs (446) 1949

New England coastal waters — Deevey, E. S., Jr. (402) 1948; Gordon (742) 1955; Lee (304) 1942; Riley (304) 1942

Newfoundland — Schell (574) 1952; (594) 1952

New York Bight — Ford (459) 1949; Ketchum (515) 1950; Ketchum & Ford (567) 1952; Ketchum, Redfield & Ayers (549) 1951

nitrate — Gran & Braarud (69) 1935; Pratt (466) 1949; Rakestraw (8) 1933; Rakestraw & Smith (140) 1937; Redfield (30) 1934; Riley (287) 1941

nitrate absorption — Ketchum (216) 1939

nitrate reduction — Waksman, Reuszer, Carey, Hotchkiss & Renn (10) 1933

nitrite — Rakestraw (8) 1933; (110) 1936; Redfield & Keys (159) 1938; Sverdrup (2) 1933; Waksman, Reuszer, Carey, Hotchkiss & Renn (10) 1933

nitrogen cycle of sea — Von Brand, Rakestraw & Renn (129) 1937; Waksman, Hotchkiss & Carey (18) 1933

nitrogen in sea water — Krogh & Keys (47) 1934

nitrogen in particulate matter, see: particulate matter

nitrogen secretion — Scholander, Van Dam & Enns (816) 1956

nitrogen solubility in sea water — Rakestraw & Emmel (141) 1937; (175) 1938; (182) 1938

nitrogenous organic matter — Rakestraw & Von Brand (268) 1940; (371) 1947; Renn (257) 1940; Von Brand & Rakestraw (270) 1941; (292) 1942; Von Brand, Rakestraw & Renn (222) 1939; Von Brand, Rakestraw & Zabor (321) 1942

noise, biological — Moulton (862) 1956

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North Atlantic Current — Iselin (108) 1936

North Atlantic Eddy — Soule & Murray (758) 1955

Norwegian basin — Metcalf (739) 1955

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numerical prediction, see: prediction, numerical

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nutrient salts	Ketchum (216) 1939; (219) 1939 (366) 1951; (377) 1947; Riley (232) 1939; (762) 1955
ocean-atmosphere interface	Iselin (312) 1942; Montgomery (576) 1952; Rossby (102) 1936; Rossby & Montgomery (71) 1935
ocean (stratified)	Veronis & Stommel (859) 1956
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ocean floor	Tolstoy (559) 1951
oceanographers' education	Knudsen, Redfield, Revelle & Shrock (519) 1950
oceanographic applications	Redfield (514) 1950
oceanography	Iselin (14) 1933; Stetson (244) 1941
offlap	Stetson (646) 1953
onlap	Stetson (646) 1953
organic matter	Keys, Christiensen & Krogh (79) 1935; Waksman (12) 1933; Waksman & Carey (68) 1935; Waksman & Hotchkiss (165) 1935
organic matter, see also: bottom sediments; nitrogenous organic matter;	
organic matter, decomposition of	Ketchum (366) 1951; Steemann Nielsen (780) 1955
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orographic convection cell	Malkus, J. S. (727) 1955
oscillations	Arons (431) 1948; Arons & Stommel (855) 1956; Seiwell (137) 1937; Stommel (713) 1954
osmotic pressures	Wilson & Arons (725) 1955
otter-trawling	Schroeder (790) 1955
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outfall location	Ketchum (772) 1955
overlap, transgressive and regressive	Stetson (487) 1949
overmixing in estuaries	Farmer & Stommel (587) 1953
oxygen	Gran & Braarud (69) 1935; Ketchum, Ayers & Vaccaro (561) 1952; Ketchum, Redfield & Ayers (549) 1951; Nutt & Coachman (831) 1956; Montgomery (664) 1954; Pollak (556) 1951; Rakestraw (8) 1933; Rakestraw & Smith (140) 1937; Rakestraw & Emmel (182) 1938; Redfield (308) 1942; (442) 1948; (776) 1955; Riley (287) 1941; Seiwell (32) 1934; (137) 1937; (162) 1938; (177) 1938; (192) 1939; Soule (215) 1940; Sverdrup (2) 1933
oxygen anomalies	Richards & Redfield (675) 1955
oxygen consumption	Edwards & Irving (302) 1943; (313) 1943; Haugaard & Irving (293) 1943; Keys, Christiensen & Krogh (79) 1935; Rakestraw (375) 1949; Seiwell (32) 1934; Seiwell & Seiwell (152) 1938; Van Dam (705) 1954
oxygen deficit	Redfield (308) 1942
oxygen-density correlation	Richards & Redfield (688) 1955
oxygen determination	Scholander & Van Dam (879) 1956
oxygen loss in 20-year interval	Worthington (717) 1954; (791) 1955

oxygen minimum — Seiwell (118) 1937; (138) 1937; (139) 1937; (192) 1939; (217) 1939; (223) 1939

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oxygen-salinity correlations — Rossby (115) 1936; Seiwell (137) 1937; (139) 1937; (162) 1938

oxygen secretion — Scholander, Van Dam & Enns (881) 1956; Scholander (880) 1956

oxygen solubility — Richards & Corwin (852) 1956

oxygen-temperature correlation — Spilhaus (290) 1941

oxyhemocyanin absorption spectra — Redfield (525) 1950

Pacific — Bigelow (239) 1940; Fish & Cobb (708) 1954; Hough (641) 1953; Montgomery (664) 1954; Officer (724) 1955; Schell (797) 1956; Trask (824) 1956

paints, antifouling — Ferry & Carritt (342) 1946; Ferry & Ketchum (346) 1946; Ferry & Riley (345) 1946; Ketchum (398) 1948; Ketchum & Ayers (399) 1948; Ketchum, Ferry & Burns (347) 1946; Ketchum, Ferry, Redfield & Burns (335) 1945; Weiss (403) 1948; Woods Hole Oceanographic Institution (580) 1952

Pamlico Sound — Roelofs & Bumpus (547) 1953

parasites of Pinnipedia — Newell (340) 1947

particulate matter, nitrogen content of — Von Brand (123) 1937; (163) 1938

Passamaqoddy Bay — Fish & Johnson (135) 1937; Graham (96) 1936; Johnson, W. H. (310) 1942; Ketchum & Keen (593) 1953

Pennell Bank, bathymetry of — Roos (91) 1937

perpetual salt fountain, see: fountain, perpetual salt

perturbation theory — Stommel (645) 1953

Peruvian Coastal Current — Sears (671) 1954

petroleum engineering, application of oceanography to — Redfield (514) 1950

pH — Rakestraw & Smith (140) 1937; Sverdrup (2) 1933

phenol red dissociation — Mitchell, Buch & Rakestraw (114) 1936

Philippines — Schell (797) 1956

phosphate — Gran & Braarud (69) 1935; Montgomery (664) 1954; Pratt (466) 1949; Rakestraw (8) 1933; Rakestraw & Smith (140) 1937; Redfield (308) 1942; Redfield, Smith & Ketchum (127) 1937; Redfield & Keys (159) 1938; Riley (150) 1937; (287) 1941; Seiwell (64) 1935; (77) 1935; Sverdrup (2) 1933

phosphate assimilation — Edmondson (781) 1955; Ketchum (687) 1954; Renn (133) 1937

phosphate liberation — Seiwell & Seiwell (152) 1938

phosphate-nitrate concentrations — Redfield (30) 1934

phosphate restoration — Scott (337) 1945

phosphorus cycle — Pratt (497) 1950; Renn (133) 1937

phosphorus, inorganic — Ketchum, Corwin & Keen (759) 1955; Ketchum & Keen (419) 1948; Nutt & Coachman (831) 1956

phosphorus, organic — Ketchum, Corwin & Keen (759) 1955; Redfield, Smith & Ketchum (127) 1937; Seiwell (24) 1935

phosphorus, total — Ketchum, Corwin & Keen (759) 1955; Ketchum & Keen (419) 1948; Redfield (776) 1955; Seiwell & Seiwell (25) 1934; Soule, Bush & Murray (675) 1955; Soule & Murray (758) 1955; (801) 1956

photochemical oxidation — Rakestraw & Hollaender (120) 1936

photography — Marks & Ronne (741) 1955; Seiwell (379) 1949; Von Arx (649) 1953

photography, see also: bottom photographs; underwater photography

photosynthesis — Edmondson (781) 1955; Ketchum (366) 1951; Riley (319) 1943; (353) 1946; Ryther (733) 1955; (819) 1956; (842) 1956; Ryther & Vaccaro (684) 1954; Steemann Nielsen (808) 1955; Waksman & Renn (78) 1936

phytoplankton — Bigelow, Lillick & Sears (259) 1940; Braarud (46) 1934; Deevey (391) 1948; Edmondson (781) 1955; Gran (9) 1933; Gran & Braarud (69) 1935; Holmes (813) 1956; Hulburt (764) 1956; Ketchum (366) 1951; (687) 1954; Lillick (156) 1937; (189) 1938; (262) 1940; Riley (287) 1941; (353) 1946; (369) 1947; (579) 1952; (762) 1955; Ryther (685) 1954; Sears (287) 1941; (353) 1946; Waksman & Renn (78) 1936

phytoplankton pigment analyses — Riley & Gorgy (441) 1948

phytoplankton physiology — Clarke, G. L. & Oster (45) 1934; Ketchum (366) 1951; (687) 1954; Pratt (497) 1950; Riley (353) 1946; Ryther (730) 1954

phytoplankton physiology, see also: photosynthesis

phytoplankton-zooplankton interrelationship — Ketchum (366) 1951; Riley & Bumpus (352) 1946

piezoelectric gauges — Arons & Cole (437) 1950

plankton closing net and releases — Leavitt (59) 1935

plankton decomposition — Renn (257) 1940

plankton, distributional processes — Barlow (753) 1955; Ketchum (598) 1954

plankton sampler — Clarke, G. L. & Bumpus (266) 1940; (530) 1950

plankton sampling, see: variability of sampling

Pleistocene — Hough (494) 1950; (641) 1953

poisoning (barnacles, mussels) — Clarke, G. L. (360) 1947

poisonous (inedible) animals — Fish & Cobb (708) 1954

polarized sunlight — Waterman (763) 1955

Polar seas, see: Arctic

pollutants-pollution — Ketchum (515) 1950; (772) 1955; Ketchum, Ayers & Vaccaro (561) 1952; Ketchum, Carey & Briggs (446) 1949; Ketchum & Ford (567) 1952; Ryther (685) 1954; Stommel (640) 1953; Woodcock (761) 1955

polysaccharide extract — Butler (144) 1937

population dynamics — Ayers (766) 1956

porpoises, anatomy, physiology, etc. — Essapian (751) 1955; Green & Redfield (11) 1933; Lawrence & Schevill (653) 1954; (793) 1956; Schevill (815) 1956; Schevill & Lawrence (648) 1953; (663) 1953; (832) 1956

Portuguese man-of-war — Woodcock (331) 1944; (837) 1956

potassium assimilation — Ketchum (677) 1954

potassium concentration — Scott & Haywood (597) 1955

power development, application of oceanography to — Redfield (514) 1950

precipitation — Barrett & Brodin (785) 1955

predators of clams — Turner (615) 1952; Turner, Ayers & Wheeler (462) 1948; Turner, Sawyer, Shuster & Posgay (564) 1951

prediction, numerical — Newton (703) 1954

pressure distribution — Brooks (229) 1939

pressure effect on cylinders — Cornell (416) 1948

pressure pulse — Arons (431) 1948; Arons, Slifko & Carter (430) 1948; Pekeris (415) 1948

productivity — Clarke, G. L. (212) 1939; (363) 1946; (520) 1950; Clarke, G. L. & Zinn (112) 1937; Edmondson (781) 1955; Edmondson & Edmondson (414) 1947; Iselin (319) 1943; Ketchum (366) 1951; Riley (287) 1941; (319) 1943; (579) 1952; (762) 1955; Ryther (825) 1956; Seiwell (24) 1935

protection of shore lines, application of oceanography to — Redfield (514) 1950

protozoa — Lackey (65) 1936; Lillick (262) 1940; Bigelow, Lillick & Sears (259) 1940

protozoan organelles — Turner (674) 1954

psychrometric formula (Ivory's) — Montgomery (423) 1948

pteropods, anatomy-physiology — Hsiao (197) 1939; (206) 1939; Moore (406) 1949; Redfield (196) 1939

radar echo — Spilhaus (439) 1948

radioactive tracer techniques — Ford (422) 1949

radiant energy, propagation of — Montgomery (361) 1947

radiation refraction — Montgomery (361) 1947

radiative cooling — Panofsky (359) 1947

radiosonde records — Bunker (605) 1953

rain — Langwell (568) 1951; Woodcock & Mordy (757) 1955

rain drop size — Blanchard (658) 1953; (659) 1953; Spilhaus (439) 1948; Woodcock (563) 1952

Raritan River and Bay — Ketchum (515) 1950; (516) 1951; (536) 1951; (642) 1953; (598) 1954; Ketchum, Ayers & Vaccaro (561) 1952

receptors, see: nerve impulses

Red Sea — Said (540) 1951

red water ("tide") — Ketchum & Keen (419) 1948; Ryther (712) 1955; Sears (670) 1954; Woodcock (389) 1948

reflection (light) see: light reflection

reflection (sound, seismic) — Hersey & Ewing (450) 1948; Hersey, Officer, Johnson & Bergstrom (583) 1952; Liebermann (433) 1948; Officer (731) 1955; (743) 1955

refraction (sound, seismic) — Ewing, Crary & Rutherford (93) 1937; Ewing, Woollard, Vine & Worzel (351) 1946; Ewing, Worzel, Hersey, Press & Hamilton (483) 1950; Ewing, Worzel, Steenland & Press (480) 1950; Hersey, Officer, Johnson & Bergstrom (583) 1952; Montgomery (361) 1947; Officer (629) 1953; (731) 1955; Officer & Ewing (662) 1954

refractive index — Montgomery (361) 1947

resources — Spilhaus (707) 1954

respiration — Riley (319) 1943; (353) 1946; Ryther (842) 1956; Van Dam (705) 1954

respiration, see also: photosynthesis

respiratory irritation — Woodcock (389) 1948

respirometer — Scholander, Haugaard & Irving (298) 1943

rete mirabile, see: swimbladder

retinene — Wald (83) 1936

rider wave — Pekeris (415) 1948

ripple mark, see: current ripples

rise north of Brownson Deep — Hersey, Officer, Johnson & Bergstrom (583) 1952

river effluent — Ford (459) 1949; Ketchum & Keen (593) 1953; (775) 1955; Ketchum, Redfield & Ayers (549) 1951; Roelofs & Bumpus (547) 1953

Rongelap Lagoon — Von Arx (421) 1948

Ross Sea — Hough (494) 1950; Roos (91) 1937; Stetson & Upson (130) 1937

rotifers — Deevey, G. B. (391) 1948

sagittae, see: chaetognaths

salinity — Bigelow & Sears (70) 1935; Bumpus & Pierce (760) 1955; Clarke, G. L., Pierce & Bumpus (328) 1943; Ford (422) 1949; Fuglister (668) 1954; Iselin (108) 1936; (261) 1940; Ketchum (515) 1950; (516) 1951; (642) 1953; Ketchum, Ayers & Vaccaro (561) 1952; Ketchum & Keen (593) 1953; (775) 1955; Ketchum, Redfield & Ayers (549) 1951; Montgomery (664) 1954; Nutt & Coachman (831) 1954; Parker (590) 1952; Parr (97) 1936; (125) 1937; (155) 1937; (179) 1938; Phleger (565) 1951; Pollak (556) 1951; Rakestraw (8) 1933; Redfield (776) 1955; Riley (578) 1952; Roelofs & Bumpus (547) 1953; Sears (670) 1954; Seiwell (223) 1939; (263) 1940; Smith, Soule & Mosby (107) 1937; Soule (154) 1938; (173) 1939; (215) 1940; (256) 1940; (286) 1942; (550) 1951; (551) 1951; (637) 1954; Soule & Barnes (500) 1950; Soule, Branson & Dinsmore (601) 1953; Soule, Bush & Murray (675) 1955; Soule, Carter & Cheney (467) 1950; Soule & Murray (758) 1955; (801) 1956; Stommel & Farmer (587) 1953; Sverdrup (2) 1933; Worthington (628) 1953

salinity anomalies — Seiwell (138) 1937; Soule (256) 1940

salinity measurements — Schleicher & Bradshaw (810) 1956

salinity-oxygen correlation, see: oxygen-salinity correlations

salinity-temperature-depth recorder — Ford (459) 1949; Jacobsen (428) 1948

salinometer	Von Arx (370) 1947
salt fountain	Stommel, Arons & Blanchard (799) 1956
salt particles, see: sea salt particles	
salt wedge	Farmer & Morgan (638) 1953
samplers, see: bottom water sampler; plankton sampler, etc.	
sands, deep-sea	Ericson, Ewing & Heezen (575) 1951
sand mixtures (synthetic), size frequency distribution	Menard (470) 1949
sand ripples	Menard (512) 1950
sanitary engineering, application of oceanography to	Redfield (514) 1950
sap rise	Scholander, Love & Kanwisher (709) 1955
Sargasso Sea	Fish (737) 1955; Iselin (104) 1936; (108) 1936; (220) 1939; Richards & Redfield (688) 1955; Seiwell (226) 1929
sargassum	Parr (234) 1939
savage animals	Fish & Cobb (708) 1954
scaling criteria	Decius (393) 1948
Scandinavia	Barrett & Brodin (785) 1955
scattering layer	Clarke, G. L., & Backus (858) 1956; Hersey & Backus (676) 1954; Hersey, Johnson & Davis (562) 1952; Hersey & Moore (412) 1948; Kanwisher & Volkmann (744) 1955; Moore (535) 1950
scattering layer, see also: sound scattering	
Scott Island	Roos (91) 1937
sea level	Chase (652) 1954; Deevey, E. S., Jr. (402) 1948; Montgomery (170) 1938; (277) 1941; Redfield (776) 1955; Soule (286) 1942; Soule & Barnes (500) 1950
seamounts	Tolstoy (559) 1951
sea salt particles	Keith & Arons (665) 1954; Woodcock (563) 1952; (643) 1953; Woodcock & Blanchard (768) 1955; Woodcock & Gifford (458) 1949; Woodcock, Kientzler, Arons & Blanchard (573) 1953; Woodcock & Mordy (757) 1955
sea salt solutions	Arons & Kientzler (635) 1954
sea sampler	Spilhaus (251) 1940; Spilhaus & Miller (440) 1948
seasonal temperature cycle, see: temperature	
seasonal chemical changes, see: chemical changes	
sea surface roughness	Seiwell (436) 1948
sea water characteristics	Keys, Christiensen & Krogh (79) 1935; Mitchell & Rakestraw (31) 1933; Redfield (394) 1948; Seiwell (181) 1938; Wilson & Arons (725) 1955
sedimentation	Miller (826) 1956; Trask, Phleger & Stetson (424) 1947; Stetson (782) 1955
sediments, see: bottom sediments	
sediment transport, see: transport of sediments	

seiches (barotropic)	Arons & Stommel (855) 1956
seismic reflection, see: reflection	
seismic refraction, see: refraction	
serum protein	Turner, A. H. (148) 1937
sewer outfalls	Ketchum, Carey & Briggs (446) 1949
sharks: see fishes	
shearing stresses	Bunker (740) 1955
shoaling bottom in tidal waters	Watson (88) 1936
shock propagation	Pekeris (415) 1948
shock wave front	Richardson, J. M., Arons & Halverson (418) 1947
sigma-t surfaces	Montgomery (190) 1938; Montgomery & Pollak (305) 1942
sigma-t, see: density	
silicon requirement	Ketchum (687) 1954
sinking	Metcalf (739) 1955; Smith, Soule & Mosby (107) 1937
sinking rate (plankton)	Riley (319) 1943; Seiwell & Seiwell (152) 1938
siphonophores, ecology	Moore (406) 1949; Sears (481) 1950
Skijump I & II	Worthington (628) 1953
slack water, see: tides	
slope water	Iselin (108) 1936
slumping	Stetson & Smith (146) 1937
soaring of birds	Woodcock (260) 1940
sodium concentration	Scott & Haywood (597) 1955
sodium requirements	Ketchum (687) 1954
sound, effect on fishes	Moulton (862) 1956; Moulton & Backus (802) 1955
sound propagation	Ewing & Worzel (415) 1948; Pekeris (415) 1948
sound reflection, see: reflection (sound)	
sound refraction, see: refraction (sound)	
sound scattering	Hersey, Johnson & Davis (562) 1952; Machlup (569) 1952; Machlup & Hersey (771) 1955; Smith, P. F. (728) 1954
sound scattering see also: scattering layer	
sound transmission, long range	Ewing & Worzel (415) 1948; Ewing, Woollard, Vine & Worzel (351) 1946
Southern Oscillation	Schell (853) 1956
South Pacific Basin	Officer (724) 1955
spray, effect of	Montgomery (235) 1940
spring flowering, see: diatoms; phytoplankton, etc.	
stability	Bunker (618) 1952; Bigelow, Lillick & Sears (259) 1940; Malkus, W. V. R. (670) 1954; Montgomery (235) 1940; Parr (97) 1936; Riley (315) 1942; Rossby & Montgomery (71) 1935; Soule (154) 1938
standing crop	Clarke, G. L. (363) 1946; Ketchum (366) 1951; Pratt (497) 1950; Riley (232) 1939
standing waves	Kierstead (582) 1952
station lists	Chace (274) 1940

St. Croix estuary — Ketchum & Keen (593) 1953
steroid requirements — Vishniac & Watson (623) 1953
storms, effect on oceanographic conditions — Chase (735) 1955; Iselin (792) 1955; Ketchum, Redfield & Ayers (549) 1951
Straits of Florida — Montgomery (303) 1941; Parr (155) 1937; Richards & Redfield (688) 1955; Wertheim (679) 1954
Straits of Florida, see also: Florida Current
stratified ocean, see: ocean (stratified)
streaks on water surfaces — Stommel (538) 1951; (537) 1952
stream flow in rotating system — Spilhaus (158) 1937
streaming — Woodcock (294) 1941
subcloud layer — Malkus, J. S. (727) 1955
submarine canyons — Bassler (84) 1936; Ericson, Ewing & Heezen (575) 1951; Stetson (76) 1935; (80) 1936; (103) 1936; (143) 1937; (169) 1938; Stetson & Smith (146) 1937; Tolstoy (559) 1951
submarine geology, historical aspects — Stetson (244) 1941
submarine geophysics — Ewing, Crary & Rutherford (93) 1937; Ewing, Woollard, Vine & Worzel (351) 1946; Ewing, Worzel, Steenland & Press (480) 1950; Ewing, Worzel, Hersey, Press & Hamilton (483) 1950; Hersey & Ewing (450) 1949; Hersey, Officer, Johnson & Bergstrom (583) 1952; Officer (629) 1953; (724) 1955; (731) 1955; (743) 1955; Officer & Ewing (662) 1954
submarine ridge (North Polar Basin) — Worthington (628) 1953
submarine topography — Tolstoy (559) 1951; Tolstoy & Ewing (498) 1949; Trask (824) 1956
sulfur requirement — Ketchum (687) 1954
sunlight, see: light; polarized sunlight
sunlight, bactericidal effects — Vaccaro & Ryther (683) 1954
surface cooling — Woodcock (294) 1941
surface currents, see: currents
surface water motion — Woodcock (331) 1944
surface water transport — Montgomery (102) 1936
surface waves, see: waves
suspension currents, see: currents
Sweden — Rossby & Egner (770) 1955
swimbladder — Hersey & Backus (676) 1954; Scholander (880) 1956; Scholander & Van Dam (632) 1953; Scholander, Van Dam & Enns (881) 1956

Tasman Basin — Officer (724) 1955
Taylor diagram — Montgomery (482) 1950
telemetering, see: underwater telemetering

temperature (air)	Bunker (682) 1956; Bunker, Haurwitz, Malkus & Stommel (465) 1949; Craig (358) 1947; (362) 1946; Emmons (413) 1947; Langwell (443) 1948; Montgomery (482) 1950; Woodcock & Stommel (373) 1947
temperature (sea)	Bigelow (34) 1933; Bumpus & Pierce (760) 1955; Church (49) 1934; (121) 1937; Clarke, Pierce & Bumpus (328) 1943; Fish & Johnson (135) 1937; Fuglister (387) 1947; (584) 1951; (668) 1954; Fuglister & Worthington (548) 1951; Harwood & Brooks (15) 1933; Iselin (108) 1936; (261) 1940; Ketchum, Redfield & Ayers (549) 1951; Nutt & Coachman (831) 1956; Parker (590) 1952; Parr (125) 1937; (179) 1938; Phleger (565) 1951; Pollak (556) 1951; Rakestraw (8) 1933; Redfield (776) 1955; Riley (578) 1952; Roelofs & Bumpus (547) 1953; Schroeder (790) 1955; Sears (670) 1954; Seiwell (62) 1940; (226) 1939; (337) 1939; (263) 1940; Smith, Soule & Mosby (107) 1937; Soule (154) 1938; (173) 1939; (215) 1940; (256) 1940; (286) 1942; (550) 1951; (551) 1951; Soule & Barnes (500) 1950; Soule, Branson & Dinsmore (601) 1953; Soule, Bush & Murray (675) 1955; Soule, Carter & Cheney (467) 1950; Soule & Murray (758) 1955; (801) 1956; Spilhaus (251) 1940; (290) 1941; Sverdrup (2) 1933; Worthington (628) 1953; (666) 1956
temperature-salinity correlation	Bumpus & Pierce (760) 1955; Ford & Miller (619) 1952; Iselin (51) 1934; (108) 1936; (261) 1940; Miller (518) 1950; Nutt & Coachman (831) 1956; Parr (97) 1936; (125) 1937; (155) 1937; (179) 1938; Rossby (115) 1936; Sears (670) Seiwell (137) 1937; (177) 1938; Smith, Soule & Mosby (107)1937; Soule (173) 1938; (230) 1939; (356) 1940; (286) 1942; (550) 1951; (551) 1951; (637) 1954; Soule & Barnes (500) 1950; Soule, Branson & Dinsmore (601) 1953; Soule, Bush & Murray (675) 1955; Soule, Carter & Cheney (467) 1950; Soule & Murray (758) 1955; (801) 1956; Stommel (367) 1947; Sverdrup (2) 1933
temperature zonation	Hutchins (374) 1947; Hutchins & Scharff (397) 1947
thermal conductivity	Montgomery (388) 1947
thermals	Malkus, J. S. (475) 1950; (595) 1952
thermograms	Church (49) 1934; (121) 1937; Harwood & Brooks (15) 1933; Iselin (261) 1940
thermometer, radiation	Stommel, Von Arx, Parson & Richardson (644) 1953
thiaminase	Yudkin (339) 1945
thunderstorms	Bunker (502) 1950
tidal currents	Riley (578) 1952; Redfield (636) 1952; Stommel (693) 1954
tidal currents, see also: electrical potentials in ocean	
tidal flushing, etc., see: estuaries	
tidal phenomena	Redfield (529) 1950
tidal-illumination diagrams	Seiwell (382) 1947
tidal mixing	Watson (88) 1936
tidal prism concept	Ketchum (516) 1951; (536) 1951
tides	Nutt & Coachman (831) 1956; Redfield (529) 1950; (536) 1952; (776) 1955; Riley (578) 1952; Roelofs & Bumpus (567) 1953; Watson (88) 1936

time series (artificial) — Seiwell (531) 1951
Tisbury Great Pond — Deevey, G. B. (391) 1948
topography, submarine, see: submarine topography
topography dynamic, see: dynamic topography
towed electrodes — Longuet-Higgins, Stern & Stommel (690) 1954; Von Arx (499) 1950
towing cables, shape of — Backus & Hersey (834) 1956; Watson (686) 1953
toxicity — Clarke, G. L. (360) 1947; Ferry & Riley (345) 1946; Weiss (392) 1948
trace element requirements — Ketchum (687) 1954
trace elements — Richards (840) 1956
trade wind air stream — Malkus, J. S. (727) 1955
trade wind cumulus clouds, see: cumulus clouds
trade wind cumulonimbus clouds, see: cumulonimbus clouds
trade wind inversion — Malkus, J. S. (727) 1955
trade winds — Bunker, Haurwitz, Malkus & Stommel (456) 1949; Malkus, J. S. (727) 1955; (827) 1956
transformation theory — Decius (393) 1948
transparency — Clarke, G. L. (100) 1936; (101) 1936; (236) 1939; (306) 1941; Clarke, G. L., & Wertheim (821) 1956
transport (in air) — Bunker (618) 1952; Malkus, J. S. (727) 1955; Malkus, J. S., & Ronne (716) 1954
transport of sediments — Menard (476) 1950; (512) 1950; Menard & Boucot (546) 1951; Stetson & Smith (146) 1937
transport, see also: Gulf Stream
transport volume — Brooks (229) 1939; Ketchum, Redfield & Ayers (549) 1951; Malkus, W. V. R., & Stern (608) 1952; Montgomery (102) 1936; (105) 1936; (277) 1941; (303) 1941; Parr (155) 1937; Redfield (308) 1942; Riley (578) 1951; Seiwell (62) 1940; (226) 1939; Smith, Soule & Mosby (107) 1937; Soule (154) 1938; (173) 1938; (215) 1940; (230) 1939; (256) 1940; (286) 1942; Soule & Barnes (500) 1950; Soule, Carter & Cheney (467) 1950; Soule & Murray (801) 1956
trawl, triangular — Parr (35) 1934
tropical air mass — Malkus, J. S. (727) 1955
tunicates — Moore (406) 1949; Weiss (403) 1948
turbidity — Gran & Braarud (69) 1935
turbidity currents, see: currents
turbulence (air) — Bunker (572) 1952; (631) 1953; (740) 1955; Bunker, Haurwitz, Malkus & Stommel (465) 1949; Langwell (443) 1948; Malkus, W. V. R. (620) 1954; (670) 1954; Montgomery (576) 1952
turbulence (oceanic) — Ketchum & Ford (567) 1952; Iselin (220) 1939; Montgomery (576) 1952; Riley (315) 1942; (577) 1951; Seiwell (64) 1935; Stommel (496) 1949
turbulent flow — Montgomery (252) 1943
tyrosinases — Redfield (525) 1950
Tyrrhenian Sea — Phleger (364) 1947

underwater camera	Edgerton & Hoadley (817) 1955
underwater explosions	Arons (431) 1948; (698) 1954; Arons, Slifko & Carter (430) 1948; Arons & Yennie (449) 1948; (490) 1946; Ewing, Woollard, Vine & Worzel (351) 1946
underwater lights	Edgerton & Hoadley (817) 1955
underwater listening	Schevill & Lawrence (460) 1949
underwater photography	Edgerton & Hoadley (817) 1955; Ewing, Vine & Worzel (348) 1946; Ewing, Woollard, Vine & Worzel (315) 1946; Hahn (508) 1950
underwater photography, see also: bottom photographs	
underwater pressure records	Seiwell (386) 1947; (407) 1948
underwater sound, effects of	Griffin (789) 1955
underwater telemetering	Dow (729) 1955
United States, east coast of	Montgomery (170) 1938; Renn (117) 1936; (111) 1937; Stetson (178) (1938); (487) 1949
updraughts	Malkus, J. S. (609) 1952
upper-air	Montgomery & Spilhaus (288) 1941
upwelling	Miller (518) 1950; Redfield (776) 1955; Sears (670) 1954
uric acid	Norton, Plunkett & Richards (661) 1954
vapor pressure	Arons & Kientzler (635) 1954; Montgomery (235) 1940
variability of sampling	Winsor & Clarke (242) 1940; Winsor & Walford (116) 1936
vascular heat exchange	Scholander (755) 1955
velocity profiles, see: Gulf Stream	
venomous animals	Fish & Cobb (708) 1954
vertical eddy transfer, see: eddy transfer	
vertical migrations, see: diurnal migrations; scattering layer, etc.	
vertical stability, see: stability	
viscosity of air	Montgomery (388) 1947
visual purple	Wald (83) 1936; (89) 1935
visual yellow	Wald (83) 1936
Vitamin A, A_1, A_2	Wald (83) 1936; (195) 1939; (284) 1941
vorticity gradient	Stommel (645) 1953
wake stream theory	Rossby (115) 1936
warming in Pisco Bay	Sears (670) 1954
wastes, see: ferrous sulphate waste	
waste disposal at sea	Redfield & Walford (586) 1951
water drops	Blanchard (711) 1954
water masses	Hela, Moore & Owre (677) 1953
water vapor	Bunker (618) 1952; Craig (468) 1949; Keith & Arons (665) 1954; Malkus, J. S. (727) 1955; Malkus, J. S., & Ronne (716) 1954; Montgomery (388) 1947

wave (ocean) analyzer — Klebba(438) 1949
wave measurements, techniques for — Farmer, Marks, Walden & Whitney (746) 1955
wave pole — Farmer, Marks, Walden & Whitney (746) 1955
wave recorder, shore based — Klebba (438) 1949
waves — Ewing, Woollard, Vine & Worzel (351) 1946; Kierstead (582) 1952; Longuet-Higgins, Stern & Stommel (690) 1954; Marks & Ronne (741) 1955; Seiwell (386) 1947; (407) 1945; (435) 1949; (436) 1948; (486) 1949; Seiwell & Wadsworth (461) 1948; Stetson (178) 1938
waves, see also: acoustic waves
West Greenland — Smith, Soule & Mosby (107) 1937; Soule (154) 1938; (173) 1938; (215) 1940; (256) 1940; (286) 1942; (550) 1951; Soule, Carter & Cheney (467) 1950
West Indies — Langwell (443) 1948; (527) 1951; Malkus, J. S. (609) 1952; (727) 1955; Malkus, J. S., & Scorer (706) 1955; Nichols (233) 1939
West Indies, see also: Caribbean
whales — Griffin (789) 1955; Scholander & Schevill (807) 1955; Wyrick (672) 1954
wind — Montgomery (102) 1936; Rossby & Montgomery (71) 1935
wind action (variable) — Veronis & Stommel (859) 1956
wind, effect on oceanographic conditions, see under storms
wind shear — Malkus, J. S. (457) 1949; (667) 1954
wind stress — Veronis & Stommel (859) 1956
winds, effects of — Chase (652) 1954; (735) 1955; Iselin (312) 1942; Watson (88) 1936
wire length depth determination — Pollak (488) 1950
wood-destroying organisms — Weiss (390) 1948
Woods Hole region — Barlow (753) 1955; Bunker (631) 1953; Butcher (401) 1948; Clarke, G. L. (166) 1938; Clarke, G. L., & Zinn (112) 1937; Deevey, E. S., Jr. (402) 1948; Ewing, Crary & Rutherford (93) 1937; Ewing, Worzel, Steenland & Press (480) 1950; Hough (187) 1940; Lackey (65) 1936; (72) 1940; Lee (330) 1944; Lillick (156) 1937; Parker (590) 1952; Liebermann (433) 1948; Rakestraw, Mahncke & Beach (120) 1936; Redfield (636) 1953
xanthophyll — Wald (83) 1936
Yucatan Channel — Richards & Redfield (688) 1955
zooplankton — Barlow (753) 1955; Bigelow & Sears (194) 1939; Clarke, G. L. (33) 1933; (48) 1934; (54) 1934; (101) 1936; (241) 1940 Clarke, G. L., & Bishop (425) 1948; Clarke, G. L., & Zinn (112) 1937; Deevey, G. B. (391) 1948; Fish (737) 1955; Fish & Johnson (135) 1937; Hela, Moore & Owre (677) 1953; Hersey & Moore (412) 1948; Johnson, W. H. (183) 1938; (310) 1942; Leavitt (59) 1935; (174) 1938; Moore (406) 1949; Moore & Corwin (864) 1956; Riley (232) 1939; (368) 1947; Riley & Bumpus (352) 1946; Riley & Gorgy (441) 1948; Sears & Clarke (249) 1940; Seiwell (24) 1935; Whiteley (398) 1948
Zostera marina, see: eel grass

TAXONOMIC INDEX

PHYLUM PROTOZOA

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Angulochrysis erratica n. gen., n. sp. — Lackey (72) 1940
Anisonema orbiculatum n. sp. — Lackey (72) 1940
Bodopsis platyformis n. sp. — Lackey (72) 1940
Chrysococcus cinctus n. sp. — Lackey (72) 1940
Cryptochrysis atlantica n. sp. — Lackey (72) 1940
Dinophysis longi-alata n. sp. — Gran & Braarud (69) 1935
Dinophysis robusta n. sp. — Gran & Braarud (69) 1935
Distephanus speculum (Ehrenb.) Haeckel *varians* n.f. — Gran & Braarud (69) 1935
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Peridinium denticulatum n. sp. — Gran & Braarud (69) 1935
Peridinium gracile n. sp. — Gran & Braarud (69) 1935
Peridinium novascotiense n. sp. — Gran & Braarud (69) 1935
Peridinium simplex n. sp. — Gran & Braarud (69) 1935
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Ammoastuta salsa Cushman & Bronnimann — Parker (590) 1952; Phleger (484) 1949
Ammobaculites sp. — Phleger & Walton (507) 1950
Ammobaculites cassis (Parker) — Parker (589) 1952; Phleger & Walton (507) 1950
Ammobaculites cf. *dilitatus* Cushman & Bronnimann — Parker (590) 1952
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Ammobaculites cf. *foliaceus* (H. B. Brady) — Parker (590)1952; Phleger & Parker (566) 1951
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Ammodiscus minutissimus Cushman & McCulloch — Parker (589) 1952
Ammoscalaria fluvialis n. sp. — Parker (589) 1959
Amphistegina lessonii d'Orbigny — Phleger & Parker (566) 1951
Angulogerina sp. — Phleger (204) 1939
Angulogerina angulosa (Williamson) — Cushman (82) 1936; Parker (589) 1952; Phleger (204) 1939

Species listed include only those presented from a taxonomic point of view or figured to aid in identification. Mere lists of species and earlier synonyms are not included. The systematic order follows that proposed in "Zoological Names, A List of Phyla, Classes, and Orders", prepared for Section F, American Association for the Advancement of Science, Durham, N. C., 1948.

Numbers in parentheses represent Contribution Numbers of the Woods Hole Oceanographic Institution.

Angulogerina bella n. sp. — Phleger & Parker (566) 1951
Anomalina atlantis n. sp. — Bermudez (243) 1939
Anomalina carinata Parker & Jones, var. *crassa* Cushman — Cushman (82) 1936
Anomalina coronata Parker & Jones, var. *crassa* Cushman — Cushman (82) 1936
Archaias compressus (d'Orbigny) — Phleger & Parker (566) 1951
Armorella sphaerica Heron-Allen & Earland — Phleger & Walton (507) 1950
Articulina sagra d'Orbigny — Phleger & Parker (566) 1951
Asterigerina carinata d'Orbigny — Phleger & Parker (566) 1951
Astrononion stellatum Cushman & Edwards — Parker (589) 1952
Barbourina atlantica n. gen., n. sp. — Bermudez (218) 1939
Bifarina decorata n. sp. — Phleger & Parker (566) 1951
Bigenerina irregularis n. sp. — Phleger & Parker (566) 1951
Bigenerina lytta n. sp. — Lalicker & Bermudez (282) 1941
Bigenerina nodosaria d'Orbigny, var. *textularioidea* (Goës) — Lalicker & Bermudez (282) 1941
Bigenerina perna n. sp. — Lalicker & Bermudez (282) 1941
Bolivina sp. (Probably new) — Phleger & Parker (566) 1951
Bolivina alata (Seguenza) — Cushman (82) 1936; Phleger & Parker (566) 1951
Bolivina albatrossi Cushman — Phleger & Parker (566) 1951
Bolivina barbata n. sp. — Phleger & Parker (566) 1951
Bolivina fragilis n. sp. — Phleger & Parker (566) 1951
Bolivina goësii Cushman — Phleger & Parker (566) 1951
Bolivina hastata n. sp. — Phleger & Parker (566) 1951
Bolivina lowmani n. sp. — Phleger & Parker (566) 1951
Bolivina minima n. sp. — Phleger & Parker (566) 1951
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Bolivina pseudopunctata Höglund — Parker (589) 1952
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Bolivina simplex n. sp. — Phleger & Parker (566) 1951
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Bolivina subaenariensis Cushman, var. *mexicana* Cushman — Phleger & Parker (566) 1951
Bolivina subspinescens Cushman — Phleger & Parker (566) 1951
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Bulimina gracilis Cushman — Cushman (82) 1936
Bulimina marginata d'Orbigny — Parker (589) 1952; Phleger (204) 1939; Phleger & Parker (566) 1951
Bulimina quadrata Plummer — Cushman (82) 1936
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Bulimina tenuis n. sp. — Phleger & Parker (566) 1951
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Cancris oblonga (Williamson) — Phleger & Parker (566) 1951
Cassidulina algida Cushman — Parker (589) 1952
Cassidulina crassa d'Orbigny — Cushman (82) 1936; Phleger & Parker (566) 1951
Cassidulina curvata n. sp. — Phleger & Parker (566) 1951
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Cassidulina laevigata d'Orbigny (and varieties)
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Cassidulina norcrossi Cushman — Parker (589) 1951
Cassidulina norcrossi australis n. subsp. — Phleger & Parker (566) 1952
Cassidulina subglobosa Brady — Phleger (204) 1939; Phleger & Parker (566) 1951
Cassidulinoides tenuis n. sp. — Phleger & Parker (566) 1951
Chilostomella oolina Schwager — Phleger & Parker (566) 1951
Chrysalogonium piramidale n. sp. — Acosta (278) 1940
Chrysalogonium ritae n. sp. — Acosta (278) 1940
Cibicides sp? — Cushman (82) 1936; Phleger & Parker (566) 1951
Cibicides concentricus (Cushman)
Cushman (82) 1936; Parker (590) 1952; Phleger & Parker (566) 1951
Cibidides deprimus n. sp. — Phleger & Parker (566) 1951
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Cibicides io Cushman — Phleger & Parker (566) 1951
Cibicides lobatulus (Walker and Jacob) — Cushman (82) 1936; Parker (589) 1952; (590) 1952
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Cibicides umbonatus n. sp. — Phleger & Parker (566) 1951
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Crithionina pisum Goës, var. *hispida* Flint — Parker (589) 1952
Cyclammina cancellata Brady — Phleger & Parker (566) 1951

Dentalina sp? — Cushman (82) 1931
Dentalina cf. *adolphina* d'Orbigny — Cushman (82) 1936
Dentalina cf. *filiformis* d'Orbigny — Cushman (82) 1936
Dentalina hirsuta (d'Orbigny), var. *aculeata* (d'Orbigny) — Cushman (82) 1936
Dentalina lorneiana d'Orbigny — Cushman (82) 1936
Discorbis bertheloti (d'Orbigny) — Phleger & Parker (566) 1956
Discorbis candeiana (d'Orbigny) — Phleger & Parker (566) 1951
Discorbis columbiensis Cushman — Parker (589) 1952; (590) 1952
Discorbis floridana Cushman — Phleger & Parker (566) 1951
Discorbis floridensis Cushman — Phleger & Parker (566) 1951
Discorbis cf. *nitida* (Williamson) — Phleger & Parker (566) 1951
Discorbis squamata n. sp. — Parker (589) 1952; (590) 1952
Dorothia bulletta (Carsey) — Cushman (82) 1936

Eggerella advena (Cushman)
Parker (589) 1952; (590) 1952; Phleger (484) 1949; Phleger & Walton (507) 1950

Eggerella bradyi (Cushman) — Phleger & Parker (566) 1951
Ehrenbergina sp. — Phleger & Parker (566) 1951
Ehrenbergina spinea Cushman — Phleger & Parker (566) 1951
Ehrenbergina trigona (Goës) — Cushman (82) 1936; Phleger & Parker (566) 1951
Ellipsoglandulina antillea n. sp. — Bermudez (243) 1939
Elphidium sp. — Phleger (204) 1939
Elphidium advenum (Cushman) — Parker (590) 1952
Elphidium advenum (Cushman), var. *margaritaceum* Cushman — Parker (589) 1952; (590) 1952; Phleger (204) 1939
Elphidium articulatum (d'Orbigny) — Parker (589) 1952; Phleger & Walton (507) 1950
Elphidium discoidale (d'Orbigny) — Phleger & Parker (566) 1951
Elphidium excavatum (Terquem) — Parker (589) 1952; (590) 1952
Elphidium cf. *fimbriatulum* (Cushman) — Phleger & Parker (566) 1951
Elphidium georgianum Cushman — Cushman (82) 1936
Elphidium gunteri Cole, var. *galvestonense* Kornfeld — Phleger & Parker (566) 1951
Elphidium incertum (Williamson) and variants — Cushman (82) 1936; Parker (590) 1952; Phleger & Walton (507) 1950
Elphidium incertum (Williamson), var. *clavatum* Cushman — Parker (589) 1952; Phleger (484) 1949
Elphidium incertum (Williamson), var. *mexicanum* Kornfeld — Phleger & Parker (566) 1951
Elphidium selseyensis (Heron-Allen & Earland) — Parker (590) 1952
Elphidium subarcticum Cushman — Parker (589) 1952; (590) 1952
Eponides antillarum (d'Orbigny) — Phleger & Parker (566) 1951
Eponides frigidus (Cushman) — Parker (589) 1952; (590) 1952
Eponides frigida (Cushman), var. *calida* Cushman & Cole — Cushman (82) 1936; Parker (590) 1952; Phleger & Walton (507) 1950
Eponides hannai n. sp. — Phleger & Parker (566) 1951
Eponides polius n. sp. — Phleger & Parker (566) 1951
Eponides regularis n. sp. — Phleger & Parker (566) 1951
Eponides repandus (Fichtel and Moll) — Phleger & Parker (566) 1951
Eponides tumidulus (Brady)
Eponides turgidus n. sp. — Phleger & Parker (566) 1951
Eponides umbonatus (Reuss) — Cushman (82) 1936; Parker (589) 1952; Phleger & Parker (566) 1951
Eponides wrightii (Brady) — Parker (589) 1952; (590) 1952

Gaudryina sp? — Cushman (82) 1936
Gaudryina cf. *aequa* Cushman — Phleger & Parker (566) 1951
Gaudryina (*Pseudogaudryina*) *atlantica* (Bailey) — Phleger & Parker (566) 1951
Gaudryina cf. *laevigata* Franke — Cushman (82) 1936
Glandulina basispinata Cushman — Cushman (82) 1936
Glandulina laevigata d'Orbigny, var. *occidentalis* Cushman — Cushman (82) 1936
Globigerina bulloides d'Orbigny — Phleger (204) 1939; Phleger & Parker (566) 1951
Globigerina dubia Egger — Cushman (82) 1936; Phleger (204) 1939
Globigerina eggeri Rhumbler — Phleger & Parker (566) 1951
Globigerina inflata d'Orbigny — Cushman (82) 1936; Phleger (204) 1939; Phleger & Parker (566) 1951
Globigerina pachyderma Ehrenberg — Phleger (204); Phleger & Parker (566) 1951
Globigerina rugosa Plummer — Cushman (82) 1936
Globigerinella aequilateris (Brady) — Phleger (204) 1939; Phleger & Parker (566) 1951

Globigerinoides conglobata (H. B. Brady) Cushman (82) 1936; Phleger & Parker (566) 1951
Globigerinoides rubra (d'Orbigny)
Cushman (82) 1936; Phleger (204) 1939; (484) 1949; Phleger & Parker (566) 1951
Globigerinoides sacculifera (Brady)
Cushman (82) 1936; Phleger (204) 1939; (484) 1949; Phleger & Parker (566) 1951
Globobulimina (*Desinobulimina*) *auriculata* (Bailey) Parker (589) 1952
Globorotalia sp. Phleger (204) 1939
Globorotalia hirsuta (d'Orbigny) Cushman (82) 1936
Globorotalia menardii (d'Orbigny) Cushman (82) 1936; Phleger & Parker (566) 1951
Globorotalia punctulata (d'Orbigny) Phleger & Parker (566) 1951
Globorotalia scitula (Brady) Phleger & Parker (566) 1951
Globorotalia truncatulinoides (d'Orbigny) Phleger & Parker (566) 1951
Globorotalia tumida (Brady) Phleger & Parker (566) 1951
Globotruncana arca (Cushman) Cushman (82) 1936
Globulina caribaea d'Orbigny Parker (590) 1952
Globulina lacrima Reuss Cushman (82) 1936
Glomospira charoides (Jones & Parker) Phleger & Parker (566) 1951
Glomospira gordialis (Jones & Parker) Parker (589) 1952; (590) 1952
Gümbelina globulosa (Ehrenberg) Cushman (82) 1936
Gümbelina striata (Ehrenberg) Cushman (82) 1936
Gümbelina tessera (Ehrenberg) Cushman (82) 1936
Gümbelitria cretacea Cushman Cushman (82) 1936
Guttulina georgiana Cushman Cushman (82) 1936
Guttulina trigonula (Reuss) Cushman (82) 1936
Gypsina vesicularis (Parker & Jones) Phleger & Parker (566) 1951
Gyroidina depressa (Alth) Cushman (82) 1936
Gyroidina orbicularis d'Orbigny Phleger & Parker (566) 1951
Gyroidina soldanii d'Orbigny Cushman (82) 1936
Gyroidina soldanii d'Orbigny, var. *altiformis* R. E. & K. C. Stewart
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Haplophragmoides bradyi (Robertson) Parker (589) 1952; Phleger & Parker (566) 1951
Haplophragmoides canariensis (d'Orbigny) Cushman (82) 1936
Haplophragmoides glomeratus (Brady) Parker (589) 1952; Phleger & Parker (566) 1951
Haplophragmoides trullissata (Brady) Cushman (82) 1936
Hippocrepina indivisa Parker Parker (589) 1952
Höglundina elegans (d'Orbigny) Phleger & Parker (566) 1951
Hopkinsina pacifica atlantica Cushman Parker (590) 1952
Hormosina sp. Parker (589) 1952
Hyperammina elongata Brady Parker (589) 1952

Karreriella bradyi (Cushman) Phleger & Parker (566) 1951
Karreriella novangliae (Cushman) Cushman (82) 1936
Karreriella subcylindrica (Nuttall), var. *caribaea* n. var. Acosta (278) 1940

Labrospira sp. Phleger & Parker (566) 1951
Labrospira arctica n. sp. Parker (589) 1952
Labrospira crassimargo (Norman) Parker (589) 1952; (590) 1952
Labrospira jeffreysii (Williamson) Parker (589) 1952
Labrospira cf. *nitida* (Goës) Parker (589) 1952
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Lenticulina peregrina (Schwager) — Phleger & Parker (566) 1951
Leptodermella variabilis n. sp. — Parker (590) 1952
Listerella nodulosa (Cushman) — Cushman (82) 1936
Listerella nodulosa (Cushman), var. *glabrata* Cushman — Cushman (82) 1936
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Marginulina bacheii Bailey — Cushman (82) 1936
Marginulina georgiana Cushman — Cushman (82) 1936
Marginulina marginulinoides (Goës) — Phleger & Parker (566) 1951
Marginulina planata n. sp. — Phleger & Parker (566) 1951
Marginulina cf. *schloenbachi* (Reuss) (?) — Cushman (82) 1936
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Nodogenerina georgiana Cushman — Cushman (82) 1936
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Nodosaria sublineata Brady — Phleger & Parker (566) 1916
Nodosaria cf. *tosta* Schwager — Cushman (82) 1956
Nodosaria vertebralis (Batsch), var. *albatrossi* Cushman — Cushman (82) 1931
Nonion depressula (Walker & Jacob) var. *matagordana* Kornfeld — Phleger & Parker (566) 1951
Nonion grateloupi (d'Orbigny) — Phleger & Parker (566) 1951
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Nonion labradoricum (Dawson) — Cushman (82) 1936; Phleger (204) 1939; Parker (589) 1952
Nonion pompilioides (Fichtel and Moll) — Cushman (82) 1936; Phleger (204) 1939; Phleger & Parker (566) 1951
Nonion tisburyensis n. sp. — Butcher (401) 1948; Parker (590) 1952; Phleger (484) 1949
Nonionella atlantica Cushman — Parker (590) 1952; Phleger & Parker (566) 1951
Nonionella auricula Heron-Allen & Earland — Parker (589) 1952
Nonionella cretacea Cushman — Cushman (82) 1936
Nonionella cf. *opima* Cushman — Phleger & Parker (566) 1951
Nonionella turgida (Williamson), var. *digitata* Nørvang — Parker (589) 1952

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Orbulina universa d'Orbigny — Cushman (82) 1936

Parrella cultur (Parker & Jones) — Phleger & Parker (566) 1951
Patellina corrugata Williamson — Cushman (82) 1936; Parker (589) 1952; Phleger & Parker (566) 1951
Pavonina atlantica Cushman — Phleger & Parker (566) 1951
Peneroplis proteus d'Orbigny — Phleger & Parker (566) 1951
Planorbulina mediterranensis d'Orbigny — Phleger & Parker (566) 1951

Planulina ariminensis d'Orbigny — Phleger & Parker (566) 1951
Planulina exorna n. sp. — Phleger & Parker (566) 1951
Planulina foveolata (Brady) — Phleger & Parker (566) 1951
Planulina wuellerstorfi (Schwager) — Phleger & Parker (566) 1951
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Plectofrondicularia angusti-costata Cushman — Cushman (82) 1936
Plectofrondicularia basi-spinata Cushman — Cushman (82) 1936
Plectofrondicularia georgiana Cushman — Cushman (82) 1936
Pninaella (?) *pulchella* n. sp. — Parker (589) 1952; (590) 1952
Poroeponides lateralis (Terquem) — Parker (590) 1952; Phleger & Parker (566) 1951
Proteonina sp. (2 species) — Parker (590) 1952
Proteonina atlantica Cushman — Parker (589) 1952; (590) 1952; Phleger & Walton (507) 1950
Proteonina comprima n. sp. — Phleger & Parker (566) 1951
Proteonina difflugiformis (Brady) — Cushman (82) 1936; Parker (589) 1952; Phleger & Parker (566) 1951
Proteonina hancocki Cushman & McCulloch — Parker (590) 1952
Proteonina lagenarium (Berthelin) — Parker (590) 1952
Pseudoclavulina mexicana (Cushman) — Phleger & Parker (566) 1951
Pseudoglandulina comatula (Cushman) — Phlegee & Parker (566) 1951
Pseudoparrella (?) *decorata* n. sp. — Phleger & Parker (566) 1951
Pseudoparrella exigua (Brady) — Phleger & Parker (566) 1951
Pseudoparella (?) *rugosa* n. sp. — Phleger & Parker (566) 1951
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Pseudopolymorphina digitata (d'Orbigny) — Cushman (82) 1396
Pseudopolymorphina novangliae (Cushman) — Parker (589) 1952; (590) 1952
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Pullenia bulloides (d'Orbigny) — Phleger & Parker (566) 1951
Pullenia quinqueloba (Reuss) — Cushman (82) 1936; Phleger (204) 1939; Phleger & Parker (566) 1951
Pullenia riveroi n. sp. — Bermudez (218) 1939
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Pulleniatina obliquiloculata (Parker and Jones) — Phleger (484) 1949; Phleger & Parker (566) 1951
Pyrgo depressa (d'Orbigny) — Cushman (82) 1936
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Pyrgo cf. *nasutus* Cushman — Phleger & Parker (566) 1951
Pyrgo striatella (Cushman) — Parker (590) 1952
Pyrgo subsphaerica (d'Orbigny) — Parker (589) 1952; Phleger (204) 1939

Quinqueloculina sp? — Cushman (82) 1936
Quinqueloculina arctica Cushman — Parker (589) 1952
Quinqueloculina bicostata d'Orbigny — Phleger & Parker (566) 1951
Quinqueloculina compta Cushman — Phleger & Parker (566) 1951
Quinqueloculina frigida n. sp. — Parker (589) 1952
Quinqueloculina horrida Cushman — Phleger & Parker (566) 1951
Quinqueloculina lamarckiana d'Orbigny — Phleger & Parker (566) 1951
Quinqueloculina seminula (Linné) — Parker (589) 1952; (590) 1952
Quinqueloculina seminula (Linné), var. *jugosa* Cushman — Parker (590) 1952
Quinqueloculina subrotunda (Montagu) — Parker (589) 1952; (590) 1952
Quinqueloculina cf. *vulgaris* d'Orbigny — Phleger & Parker (566) 1951

Recurvoides clenchi n. sp. — Bermudez (225) 1939
Recurvoides obsoletus (Goës) — Bermudez (225) 1939
Recurvoides turbinatus (Brady) — Bermudez (225) 1939; Parker (589) 1952
Reussella aguayoi n. sp. — Bermudez (243) 1939
Reussella atlantica Cushman — Phleger & Parker (566) 1951
Rheophax arctica Brady — Parker (589) 1952; Phleger & Walton (507) 1950
Rheophax curtus Cushman — Parker (589) 1952; (590) 1952; Phleger & Walton (507) 1950
Rheophax dentaliniformis Brady — Parker (590) 1952; Phleger & Parker (566) 1951
Rheophax gracilis (Kiaer) — Parker (589) 1952
Rheophax nana Rhumbler — Parker (590) 1952
Rheophax scorpiurus Montfort — Phleger & Parker (566) 1951
Rheophax scottii Chaster — Parker (589) 1952; Phleger & Walton (507) 1950
Riveroina caribaea n. gen., n. sp. — Bermudez (243) 1939
"*Robertina*" cf. *charlottensis* (Cushman) — Parker (589) 1952
Robulus sp? — Cushman (82) 1936
Robulus cf. *calcar* (Linné) — Cushman (82) 1936
Robulus macrodiscus (Reuss) — Cushman (82) 1936
Robulus d'orbignyii (Bailey) — Cushman (82) 1936
Rotalia beccarii (Linné) and variants — Parker (590) 1952; Phleger (484) 1949; Phleger & Parker (566) 1951
"*Rotalia*" *pauciloculata* n. sp. — Phleger & Parker (566) 1951
"*Rotalia*" *rolshauseni* Cushman & Bermudez — Phleger & Parker (566) 1951
"*Rotalia*" *translucens* n. sp. — Phleger & Parker (566) 1951

Saracenaria sp? — Cushman (82) 1936
Schenckiella occidentalis (Cushman) — Phleger & Parker (566) 1951
Sigmoilina distorta n. sp. — Phleger & Parker (566) 1951
Sigmoilina schlumbergeri A. Silvestri — Phleger & Parker (566) 1951
Sigmoilina tenuis (Czjzek) — Phleger & Parker (566) 1951
Sigmomorphina williamsoni (Terquem) — Cushman (82) 1936
Siphonina bradyana Cushman — Phleger & Parker (566) 1951
Siphonina pulchra Cushman — Cushman (82) 1936
Siphotextularia affinis (Fornasini) — Phleger & Parker (566) 1951
Siphotextularia rolshauseni n. sp. — Phleger & Parker (566) 1951
Sphaeroidina bulloides d'Orbigny — Cushman (82) 1936
Sphaeroidiniella dehiscens (Parker & Jones) — Phleger (484) 1949; Phleger & Parker (566) 1951
Spirillina sp. — Phleger & Parker (566) 1951
Spirillina cf. *decorata* Brady — Phleger & Parker (566) 1951
Spirillina ornata Sidebottom — Phleger & Parker (566) 1951
Spirillina vivipara Ehrenberg — Phleger & Parker (566) 1951
Spiroloculina antillarum d'Orbigny — Phleger & Parker (566) 1951
Spiroplectammina biformis (Parker & Jones) — Parker (589) 1952
Spiroplectammina floridana (Cushman) — Phleger & Parker (566) 1951
Spiroplectammina gramen (d'Orbigny) — Lalicker & Bermudez (282) 1941
Spiroplectammina typica Lacroix — Parker (589) 1952
Stomatorbina concentrica (Parker & Jones) — Phleger & Parker (566) 1951

Textularia sp. — Phleger & Parker (566) 1951
Textularia agglutinans d'Orbigny — Lalicker & Bermudez (282) 1941

Textularia albatrossi Cushman — Lalicker & Bermudez (282) 1941
Textularia calva Lalicker — Lalicker & Bermudez (282) 1941
Textularia candeiana d'Orbigny — Lalicker & Bermudez (282) 1941
Textularia caribaea d'Orbigny — Lalicker & Bermudez (282) 1941
Textularia catenata Cushman — Lalicker & Bermudez (282) 1941
Textularia concava (Karrer) — Lalicker & Bermudez (282) 1941
Textularia conica d'Orbigny — Lalicker & Bermudez (282) 1941; Phleger & Parker (566) 1951
Textularia corrugata Heron-Allen & Earland — Lalicker & Bermudez (282) 1941
Textularia flintii Cushman — Lalicker & Bermudez (282) 1941
Textularia flintii Cushman, var. *curta* Cushman — Lalicker & Bermudez (282) 1941
Textularia foliacea Heron-Allen & Earland, var. *occidentalis* Cushman — Phleger & Parker (566) 1951
Textularia lateralis Lalicker — Lalicker & Bermudez (282) 1941
Textularia luculenta Brady — Lalicker & Bermudez (282) 1941
Textularia lythostrota (Schwager) — Lalicker & Bermudez (282) 1941
Textularia mayori Cushman — Phleger & Parker (282) 1951
Textularia mexicana Cushman — Lalicker & Bermudez (282) 1941; Phleger & Parker (566) 1951
Textularia parvula Cushman — Phleger & Parker (566) 1951
Textularia schencki Cushman & Valentine — Lalicker & Bermudez (282) 1941
Textularia sica n. sp. — Lalicker & Bermudez (282) 1941
Textularia subplana Cushman — Lalicker & Bermudez (282) 1941
Textularia cf. *tenuissima* Earland — Parker (590) 1952
Textularia torquata n sp. — Parker (589) 1952
Tretomphalus atlanticus Cushman — Phleger & Parker (566) 1952
Trifarina bradyi Cushman — Phleger & Parker (566) 1951
Triloculina brevidentata Cushman — Parker (590) 1952
Triloculina tricarinata d'Orbigny — Parker (589) 1952
Trochammina sp. — Phleger & Parker (566) 1951
Trochammina advena Cushman — Parker (589) 1952; Phleger & Parker (566) 1951
Trochammina compacta n. sp. — Parker (590) 1952
Trochammina inflata (Montagu) — Parker (589) 1952; (590) 1952; Phleger (484) 1949; Phleger & Walton (507) 1950
Trochammina lobata Cushman — Parker (589) 1952; (590) 1952; Phleger & Walton (507) 1950
Trochammina macrescens Brady — Parker (589) 1952; (590) 1952; Phleger (484) 1949; Phleger & Walton (507) 1950
Trochammina quadriloba Höglund — Parker (589) 1952
Trochammina rotaliformis J. Wright — Phleger & Walton (507) 1950
Trochammina squamata Parker & Jones — Parker (589) 1952; (590) 1952; Phleger & Walton (507) 1950
Trochamminella atlantica n. sp. — Parker (589) 1952

Unicosiphonia crenulata Cushman — Cushman (82) 1936
Urnulina compressa Cushman — Parker (589) 1952; (590) 1952
Urnulina difflugaeformis Gruber — Parker (590) 1952
Uvigerina auberiana d'Orbigny & var. — Cushman (82) 1936; Phleger & Parker (566) 1951
Uvigerina bermudezi n. sp. — Acosta (278) 1940
Uvigerina flintii Cushman — Cushman (82) 1936; Phleger & Parker (566) 1951
Uvigerina hispido-costata Cushman & Todd — Phleger & Parker (566) 1951
Uvigerina peregrina Cushman — Phleger (204) 1939

Uvigerina peregrina Cushman & var.	Cushman (82) 1936; Phleger & Parker (566) 1951
Vaginulina cretacea Plummer	Cushman (82) 1936
Vaginulina navarroana n. sp.	Cushman (82) 1936
Vaginulina cf. *wadei* Kelley	Cushman (82) 1936
Valvulina conica (Parker & Jones)	Cushman (82) 1936; Parker (589) 1952
Valvulineria cf. *araucana* (d'Orbigny)	Phleger & Parker (566) 1951
Valvulineria cf. *humilis* (Brady)	Phleger & Parker (566) 1951
Valvulineria georgiana Cushman	Cushman (82) 1936
Valvulineria laevigata n. sp.	Phleger & Parker (566) 1951
Verneuilina sp?	Cushman (82) 1936
Virgulina complanata Egger	Parker (589) 1952; Phleger & Parker (566) 1951
Virgulina compressa (Bailey)	Phleger & Parker (566) 1951
Virgulina fusiformis Cushman	Cushman (82) 1936
Virgulina fusiformis (Williamson)	Parker (589) 1952; (590) 1952
Virgulina mexicana Cushman	Phleger & Parker (566) 1951
Virgulina navarroana Cushman	Cushman (82) 1936
Virgulina pontoni Cushman	Phleger & Parker (566) 1951
Virgulina spinicostata n. sp.	Phleger & Parker (566) 1951
Virgulina squammosa d'Orbigny	Phleger & Parker (566) 1951
Virgulina tessellata n. sp.	Phleger & Parker (566) 1951
Vulvulina pennatula (Batsch)	Lalicker & Bermudez (282) 1941

PHYLUM COELENTERATA

Abyla bicarinata Moser	Sears (602) 1953
Abyla brownia n. sp.	Sears (602) 1953
Abyla carina Haeckel	Sears (602) 1953
Abyla haeckeli Lens & Van Riemsdijk	Sears (602) 1953
Abyla ingeborgae n. sp.	Sears (602) 1953
Abyla peruana n. sp.	Sears (602) 1953
Abyla schmidti n. sp.	Sears (602) 1953
Abyla tottoni n. sp.	Sears (602) 1953
Abyla trigona Quoy & Gaimard	Sears (602) 1953
Abylopsis eschscholtzii (Huxley)	Sears (602) 1953
Abylopsis tetragona (Otto)	Sears (602) 1953
Abylopsoides basalis n. sp.	Sears (602) 1953
Abylopsoides dorsalis n. gen., n. sp.	Sears (602) 1953
Aegina citrea Eschscholtz	Bigelow (147) 1938; (239) 1940
Aeginura beebei n. sp.	Bigelow (239) 1940
Aeginura grimaldii Maas	Bigelow (147) 1938; (239) 1940
Aequorea floridana L. Agassiz	Bigelow (147) 1938
Atolla wyvillei Haeckel	Bigelow (147) 1938
Aurellia aurita Linné	Bigelow (147) 1938
Bassia bassensis (Quoy & Gaimard)	Sears (602) 1953
Bougainvillia niobe Mayer	Bigelow (147) 1938
Calycopsis sp?	Bigelow (147) 1938
Calycopsis simulans Bigelow	Bigelow (239) 1940
Carybdea alata Reynaud	Bigelow (147) 1938

Carybdea marsupialis xaymacana Conant	Bigelow (147) 1938
Ceratocymba dentata (Bigelow)	Sears (602) 1953
Ceratocymba leuckartii (Huxley)	Sears (602) 1953
Ceratocymba intermedia n. sp.	Sears (602) 1953
Ceratocymba sagittata (Quoy & Gaimard)	Sears (602) 1953
Charybdea, see: *Carybdea*	
Chiarella centripetalis Maas	Bigelow (239) 1940
Chromatonema erythrogonon Bigelow	Bigelow (239) 1940
Chromatonema rubrum Fewkes	Bigelow (147) 1938
Colobonema typicum Maas	Bigelow (147) 1938; (239) 1940
? *Crossota brunnea* Vanhöffen	Bigelow (147) 1938
Cunina sp.	Bigelow (147) 1938
Enneagonum hyalinum Quoy & Gaimard	Sears (602) 1953
Geryonia proboscidalis Forskål	Bigelow (147) 1938
? *Halicreas glabrum* Vanhöffen	Bigelow (147) 1938
Halicreas minimum Fewkes	Bigelow (147) 1938; (239) 1940
Halitrephes valdiviae Vanhöffen	Bigelow (147) 1938
Heterotiara anonyma Maas	Bigelow (147) 1938
Leuckartiara zacae n. sp.	Bigelow (239) 1940
Linuche unguiculata Schwartz	Bigelow (147) 1938
Liriope tetraphylla Chamisso & Eysenhardt	Bigelow (147) 1938; (239) 1940
Nausithoe punctata Kölliker	Bigelow (147) 1938
Nectopyramis spinosa n. sp.	Sears (607) 1952
Neoturris crockeri n. sp.	Bigelow (239) 1940
Olindias phosphorica tenuis Fewkes	Bigelow (147) 1938
Pandea conica Quoy & Gaimard	Bigelow (147) 1938
Pandea rubra Bigelow	Bigelow (147) 1938
Pantachogon haeckeli Maas	Bigelow (147) 1938
Parasmelia sp? (fossil)	Stephenson (81) 1936
Pegantha clara R. P. Bigelow	Bigelow (239) 1940
? *Pegantha clara* R. P. Bigelow	Bigelow (147) 1940
? *Pegantha martagon* Haeckel	Bigelow (239) 1940
Pelagia noctiluca Forskål	Bigelow (147) 1938; (239) 1940
Periphylla hyacinthina Steenstrup	Bigelow (147) 1938
Polyorchis penicillata Eschscholtz	Bigelow (239) 1940
? *Poralia rufescens* Vanhöffen	Bigelow (147) 1938
Pseudabyla dubia n. sp.	Sears (602) 1953
Pseudabyla irregularis n. gen., n. sp.	Sears (602) 1953
Pseudabylopsis anomala n. gen., n. sp.	Sears (602) 1953
Pseudocymba anomala n. sp.	Sears (602) 1953
Pseudocymba asymmetrica n. gen., n. sp.	Sears (602) 1953
Rhopalonema velatum Gegenbaur	Bigelow (147) 1938
? *Solmissus incisa* Fewkes	Bigelow (147) 1938
Solmissus marshalli Agassiz & Mayer	Bigelow (239) 1940
Stomolophus meleagris L. Agassiz	Bigelow (239) 1940
Stomotoca pterophylla Haeckel	Bigelow (239) 1940

Tamoya haplonema Müller — Bigelow (147) 1938
Trachynemidae genus? — Bigelow (147) 1938

Zancleopsis dichotoma Mayer — Bigelow (147) 1938
Zygocanna vagans Bigelow — Bigelow (239) 1940

PHYLUM BRYOZOA

Plethopora americana n. sp. — Bassler (84) 1936

PHYLUM ECHINODERMATA

Class Crinoidea

Antedon dübenii Böhlsche — Clark, A. H. (255) 1940
Atelecrinus balanoides P. H. Carpenter — Clark, H. L. (285) 1941
Atelecrinus pourtalesi A. H. Clark — Clark, H. L. (285) 1941

Bathycrinus aldrichianus Wyville Thomson — Clark, A. H. (471) 1949
Bythocrinus conifer (A. H. Clark) — Clark, H. L. (285) 1941

Caryometra alope n. sp. — Clark, A. H. (255) 1940; Clark, H. L. (285) 1941
Caryometra atlantidis n. sp. — Clark, A. H. (255) 1940; Clark, H. L. (285) 1941
Caryometra lisa n. sp. — Clark, A. H. (255) 1940; Clark, H. L. (285) 1941
Caryometra monilicirra n. sp. — Clark, A. H. (255) 1940; Clark, H. L. (285) 1941
Caryometra spinosa n. sp. — Clark, A. H. (255) 1940; Clark, H. L. (285) 1941
Caryometra tenuipes (A. H. Clark) — Clark, A. H. (255) 1940
Coccometra guttata A. H. Clark — Clark, A. H. (255) 1940
Coccometra hagenii (Pourtalès) — Clark, A. H. (255) 1940
Coccometra nigrolineata A. H. Clark — Clark, A. H. (255) 1940
Compsometra nuttingi A. H. Clark — Clark, A. H. (255) 1940; Clark, H. L. (285) 1941
Crinometra granulifera (Pourtalès) — Clark, H. L. (285) 1941
Crinometra insculpta A. H. Clark — Clark, H. L. (285) 1941
Crinometa pulchra A. H. Clark — Clark, H. L. (285) 1941

Democrinus parfaiti E. Perrier — Clark, A. H. (471) 1949
Democrinus rawsonii (Pourtalès) — Clark, H. L. (285) 1941

Endoxocrinus parrae (Guerin) — Clark, H. L. (285) 1941
Endoxocrinus prionodes n. sp. — Clark, H. L. (285) 1941

Horaeometra duplex (P. H. Carpenter) — Clark, H. L. (285) 1941
Hybometra senta A. H. Clark — Clark, A. H. (255) 1940
Hypalometra defecta (P. H. Carpenter) — Clark, A. H. (255) 1940

Monachocrinus caribbeus (A. H. Clark) — Clark, H. L. (285) 1941

Neocomatella pulchella (Pourtalès) — Clark, H. L. (285) 1941
Neocrinus blakei (P. H. Carpenter) — Clark, H. L. (285) 1941
Neocrinus decorus (Wyville Thomson) — Clark, H. L. (285) 1941

Stylometra spinifera (P. H. Carpenter) — Clark, H. L. (285) 1941
Trichometra cubensis (Pourtalès) — Clark, A. H. (255) 1940; Clark, H. L. (285) 1941

Trichometra minutissima (A. H. Clark) — Clark, A. H. (255) 1940

Zenometra columnaris (P. H. Carpenter) — Clark, A. H. (255) 1940

Anthenoides peircei Perrier — Clark, H. L. (285) 1941
Asterias crassispina n. sp. — Clark, H. L. (285) 1941
Asterias vulgaris Verrill — Clark, A. H. (471) 1949
Astroceramus brachyactis n. sp. — Clark, H. L. (485) 1941
Astropecten articulatus (Say) — Clark, H. L. (285) 1941

Benthopecten spinosus Verrill — Clark, H. L. (285) 1941
Brisinga verticillata Sladen — Clark, H. L. (285) 1941

Ceramaster grenadensis (Perrier) — Clark, H. L. (285) 1941
Cheiraster coronatus (Perrier) — Clark, H. L. (285) 1941
Cheiraster mirabilis (Perrier) — Clark, H. L. (285) 1941
Circeaster occidentalis n. sp. — Clark, H. L. (285) 1941
Coronaster briareus (Verrill) — Clark, H. L. (285) 1941

Dytaster biserialis Sladen — Clark, A. H. (471) 1949
Dytaster mollis (E. Perrier) — Clark, A. H. (471) 1949

Echinaster modestus Perrier — Clark, H. L. (285) 1941
Echinaster sentus (Say) — Clark, H. L. (285) 1941

Freyella abyssicola E. Perrier — Clark, A. H. (471) 1949
Freyella elegans (Verrill) — Clark, H. L. (285) 1941
Freyella trispinosa n. sp. — Clark, H. L. (285) 1941

Goniopecten demonstrans Perrier — Clark, H. L. (285) 1941

Henricia antillarum (Perrier) — Clark, H. L. (285) 1941
Henricia lisa n. sp. — Clark, A. H. (471) 1949
Henricia microspina Verrill — Clark, H. L. (285) 1941
Henricia sanguinolenta (O. F. Müller) — Clark, A. H. (471) 1949
Henricia sexradiata (Perrier) — Clark, H. L. (285) 1941
Hippoasteria phrygiana (Parelius) — Clark, A. H. (471) 1949
Hydrasterias ophidion Sladen — Clark, A. H. (471) 1949
Hymenaster pellucidus Wyville Thomson — Clark, H. L. (285) 1941
Hymenaster regalis Verrill — Clark, H. L. (285) 1941
Hyphalaster parfaiti E. Petrier — Clark, A. H. (410) 1948

Leptychaster arcticus (M. Sars) — Clark, A. H. (471) 1949
Linckia bouvieri Perrier — Clark, H. L. (285) 1941
Litonotaster intermedius (Perrier) — Clark, H. L. (285) 1941
Lophaster furcifer (Düben & Koren) — Clark, H. L. (285) 1941
Luidia barbadensis Perrier — Clark, H. L. (285) 1941
Luidiaster dubius n. sp. — Clark, H. L. (285) 1941
Luidiaster enoplus (Verrill) — Clark, H. L. (285) 1941
Luidiaster mixtus (Verrill) — Clark, H. L. (285) 1941

Mammaster sigsbeei (Perrier) — Clark, H. L. (285) 1941
Marginaster pectinatus Perrier — Clark, H. L. (285) 1941
Mediaster pedicellaris (Perrier) — Clark, H. L. (285) 1941

Nymphaster arenatus (Perrier) — Clark, H. L. (285) 1941
Nymphaster subspinosus (Perrier) — Clark, H. L. (285) 1941

Odinia pandina Sladen — Clark, H. L. (285) 1941

Odontaster hispidus Verrill	Clark, H. L. (285) 1941
Ophidiaster alexandri Verrill	Clark, H. L. (285) 1941
Ophidiaster pinguis n. sp.	Clark, H. L. (285) 1941
Oreaster reticulatus (Linnaeus)	Clark, H. L. (285) 1941
Paragonaster grandis n. sp.	Clark, H. L. (285) 1941
Pedicellaster pourtalesi Perrier	Clark, H. L. (285) 1941
Peltaster hebes Verrill	Clark, H. L. (285) 1941
Peltaster planus (Verrill)	Clark, H. L. (285) 1941
Persephonaster echinulatus n. sp.	Clark, H. L. (285) 1941
Persephonaster leptactis n. sp.	Clark, H. L. (285) 1941
Persephonaster pulcher (Perrier)	Clark, H. L. (285) 1941
Persephonaster spinulosus n. sp.	Clark, H. L. (285) 1941
Plinthaster dentatus (Perrier)	Clark, H. L. (285) 1941
Plutonaster bifrons (Wyville Thomson)	Clark, H. L. (285) 1941
Plutonaster intermedius (Perrier)	Clark, H. L. (285) 1941
Plutonaster notatus Sladen	Clark, A. H. (471) 1949
Poraniomorpha borealis (Verrill)	Clark, A. H. (471) 1949
Prionaster elegans Verrill	Clark, H. L. (285) 1941
Pseudarchaster concinnus Verrill	Clark, H. L. (285) 1941
Pseudarchaster parelii (Düben & Koren)	Clark, H. L. (285) 1941
Psilaster squameus n. sp.	Clark, H. L. (285) 1941
Pteraster caribbaeus Perrier	Clark, H. L. (285) 1941
Pteraster militaris (O. F. Müller)	Clark, A. H. (471) 1949
Pteraster militarioides n. sp.	Clark, H. L. (285) 1941
Pteraster rugosus n. sp.	Clark, H. L. (285) 1941
Pteraster stoibe n. sp.	Clark, H. L. (285) 1941
Pythonaster atlantidis n. sp.	Clark, A. H. (410) 1948
Remaster palmatus (Perrier)	Clark, H. L. (285) 1941
Rosaster alexandri (Perrier)	Clark, H. L. (285) 1941
Solaster caribbaeus Verrill	Clark, H. L. (285) 1941
Tessellaster notabilis n. gen., n. sp.	Clark, H. L. (285) 1941
Tremaster laevis n. sp.	Clark, H. L. (285) 1941
Zoroaster ackleyi Perrier	Clark, H. L. (285) 1941

Class Ophiuroidea

Amphiophiura convexa (Lyman)	Clark, A. H. (471) 1949
Amphiophiura metabula H. L. Clark	Clark, H. L. (285) 1941
Amphiophiura oedignatha H. L. Clark	Clark, H. L. (285) 1941
Amphitarsus mirabilis n. gen., n. sp.	Clark, H. L. (285) 1941
Amphiura otteri Ljungman	Clark, H. L. (285) 1941
Asteronyx loveni Müller & Troschel	Clark, H. L. (285) 1941
Asteroporpa pulchra H. L. Clark	Clark, H. L. (285) 1941
Asteroschema arenosum Lyman	Clark, H. L. (285) 1941
Asteroschema brachiatum Lyman	Clark, H. L. (285) 1941
Asteroschema inornatum Koehler	Clark, A. H. (410) 1948
Asteroschema intectum Lyman	Clark, H. L. (285) 1941
Asteroschema laeve (Lyman)	Clark, H. L. (285) 1941

Asteroschema oligactes (Pallas)	Clark, H. L. (285) 1941
Astrodia tenuispina (Verrill)	Clark, H. L. (285) 1941
Astrogomphus vallatus Lyman	Clark, H. L. (285) 1941
Astrospartus mucronatus (Lyman)	Clark, H. L. (285) 1941
Bathypectinura lacertosa (Lyman)	Clark, H. L. (285) 1941
Homalophiura abyssorum (Lyman)	Clark, H. L. (285) 1941
Ophiacantha abyssicola G. O. Sars	Clark, A. H. (471) 1949
Ophiacantha echinulata Lyman	Clark, H. L. (285) 1941
Ophiacantha hirsuta Lyman	Clark, H. L. (285) 1941
Ophiacantha mesembria H. L. Clark	Clark, H. L. (285) 1941
Ophiacantha pentacrinus Lütken	Clark, H. L. (285) 1941
Ophiacantha scutata Lyman	Clark, H. L. (285) 1941
Ophiactis abyssicola (M. Sars)	Clark, A. H. (471) 1949
Ophiarachnella petersi (Lyman)	Clark, H. L. (285) 1941
Ophiernus adspersum Lyman	Clark, H. L. (285) 1941
Ophiocamax fasciculata Lyman	Clark, H. L. (285) 1941
Ophiocamax hystrix Lyman	Clark, H. L. (285) 1941
Ophioceramis rugosa n. sp.	Clark, H. L. (285) 1941
Ophiochiton grandis Verrill	Clark, H. L. (285) 1941
Ophiochondrella squamosa (Lyman)	Clark, H. L. (285) 1941
Ophiochondrus gracilis Verrill	Clark, H. L. (285) 1941
Ophiocoma echinata (Lamarck)	Clark, H. L. (285) 1941
Ophioconis miliaria Lyman	Clark, H. L. (285) 1941
Ophiocreas spinulosum Lyman	Clark, H. L. (285) 1941
Ophiocten sericeum (Forbes)	Clark, A. H. (471) 1949
Ophioderma brevispinum (Say)	Clark, H. L. (285) 1941
Ophiogeron granulatus (Lyman)	Clark, H. L. (285) 1941
Ophiolepis elegans Lütgen	Clark, H. L. (285) 1941
Ophioleuce depressa (Lyman)	Clark, H. L. (285) 1941
Ophiomastus secundus Lyman	Clark, H. L. (285) 1941
Ophiomidas dubius (Lyman)	Clark, H. L. (285) 1941
Ophiomitra valida Lyman	Clark, H. L. (285) 1941
Ophiomusium acuferum Lyman	Clark, H. L. (285) 1941
Ophiomusium armigerum Lyman	Clark, A. H. (410) 1948
Ophiomusium eburneum Lyman	Clark, H. L. (285) 1941
Ophiomusium leptobrachium n. sp.	Clark, H. L. (285) 1941
Ophiomusium lymani Wyville Thomson	Clark, H. L. (285) 1941
Ophiomusium microporum n. sp.	Clark, H. L. (285) 1941
Ophiomusium moniliforme n. sp.	Clark, H. L. (285) 1941
Ophiomusium stellatum Verrill	Clark, H. L. (285) 1941
Ophiomusium testudo Lyman	Clark, H. L. (285) 1941
Ophiomusium validum Ljungman	Clark, H. L. (285) 1941
Ophiomyxa brevicauda Verrill	Clark, H. L. (285) 1941
Ophiomyxa tumida Lyman	Clark, H. L. (285) 1941
Ophiopaepale goesiana Ljungman	Clark, H. L. (285) 1941
Ophiopholis aculeate (Linné)	Clark, A. H. (471) 1949
Ophiophrixus quadrispinosus (Koehler)	Clark, H. L. (285) 1941

Ophioplax pardalis n. sp.	Clark, H. L. (285) 1941
Ophioplax spinulifera n. sp.	Clark, H. L. (285) 1941
Ophioplinthaca dipsacos (Lyman)	Clark, H. L. (285) 1941
Ophioprium cervicorne (Lyman)	Clark, H. L. (285) 1941
Ophiopyren longispinus Lyman	Clark, H. L. (285) 1941
Ophioscolex tropicus Lyman	Clark, H. L. (285) 1941
Ophiosphalma n. gen.	Clark, H. L. (285) 1941
Ophiosphalma armigerum (Lyman)	Clark, H. L. (285) 1941
Ophiosphalma dyscritum n. sp.	Clark, H. L. (285) 1941
Ophiosphalma monoplax (H. L. Clark)	Clark, H. L. (285) 1941
Ophiosphalma serratum (Lyman)	Clark, H. L. (285) 1941
Ophiothrix angulata (Say)	Clark, H. L. (285) 1941
Ophiotreta lineolata (Lyman)	Clark, H. L. (285) 1941
Ophiotreta mixta (Lyman)	Clark, H. L. (285) 1941
Ophiotreta sertata (Lyman)	Clark, H. L. (285) 1941
Ophiozonella granulifera n. sp.	Clark, H. L. (285) 1941
Ophiozonella marmorea Lyman	Clark, H. L. (285) 1941
Ophiozonella nivea (Lyman)	Clark, H. L. (285) 1941
Ophiozonella tessellata (Lyman)	Clark, H. L. (285) 1941
Ophiura acervata (Lyman)	Clark, H. L. (285) 1941
Ophiura falcifera (Lyman)	Clark, H. L. (285) 1941
Ophiura inornata (Lyman)	Clark, A. H. (410) 1948
Ophiura irrorata (Lyman)	Clark, A. H. (471) 1949
Ophiura lepida (Lyman)	Clark, H. L. (285) 1941
Ophiura ljungmani (Lyman)	Clark, A. H. (471) 1949
Ophiura sarsii Lütken	Clark, A. H. (471) 1949
Placophiothrix suensonii (Lütken)	Clark, H. L. (285) 1941
Sigsbeia murrhina Lyman	Clark, H. L. (285) 1941

Class Echinoidea

Aceste bellidifera Wyville Thomson	Clark, H. L. (285) 1941
Araeosoma belli Mortensen	Clark, H. L. (285) 1941
Araeosoma fenestratum (Wyville Thomson)	Clark, H. L. (285) 1941
Archaeopneustes hystrix (A. Agassiz)	Clark, H. L. (285) 1941
Aspidodiaderma jacobyi A. Agassiz	Clark, H. L. (285) 1941
Brissopsis atlantica Mortensen	Clark, H. L. (285) 1941
Centrechinus antillarum (Philippi)	Clark, H. L. (285) 1941
Cidarus blakei (A. Agassiz)	Clark, H. L. (285) 1941
Cidaris micans (Mortensen)	Clark, H. L. (285) 1941
Clypeaster cyclopilus n. sp.	Clark, H. L. (285) 1941
Clypeaster euclastus n. sp.	Clark, H. L. (285) 1941
Clypeaster rosaceus (Linnaeus)	Clark, H. L. (285) 1941
Coelopleurus floridanus A. Agassiz	Clark, H. L. (285) 1941
Conolampus sigsbei (A. Agassiz)	Clark, H. L. (285) 1941
Echinarachnius parma (Lamarck)	Clark, A. H. (471) 1949
Echinocyamus grandiporus Mortensen	Clark, H. L. (285) 1941
Echinocyamus macrostomus Mortensen	Clark, H. L. (285) 1941
Echinometra lucunter (Linnaeus)	Clark, H. L. (285) 1941
Eucidaris tribuloides (Lamarck)	Clark, H. L. (285) 1941

Habrocidaris scutata (A. Agassiz) — Clark, H. L. (285) 1941
Hardouinia(?) *Stetsoni* n. sp. (fossil) — Stephenson (81) 1936
Hemiaster expergitus Lovén — Clark, H. L. (285) 1941
Histocidaris nuttingi Mortensen — Clark, H. L. (285) 1941
Histocidaris sharreri (A. Agassiz) — Clark, H. L. (285) 1941
Homolampas fragilis (A. Agassiz) — Clark, A. H. (471) 1949; Clark, H. L. (285) 1941
Hygrosoma petersii (A. Agassiz) — Clark, H. L. (285) 1941

Linopneustes longispinus (A. Agassiz) — Clark, H. L. (285) 1941
Lytechinus variegatus (Leske) — Clark, H. L. (285) 1941

Meoma ventricosa (Lamarck) — Clark, H. L. (285) 1941

Palaeopneustes cristatus A. Agassiz — Clark, H. L. (285) 1941
Palaeotropus josephinae Lovén — Clark, H. L. (285) 1941
Phormosoma placenta var. *sigsbei* Mortensen — Clark, H. L. (285) 1941
Plesiodiadema antillarum (A. Agassiz) — Clark, H. L. (285) 1941
Plethotaenia spatangoides (A. Agassiz) — Clark, H. L. (285) 1941
Pourtalesia miranda A. Agassiz — Clark, H. L. (285) 1941

Salenia pattersoni A. Agassiz — Clark, H. L. (285) 1941
Salenocidaris profundi (Duncan) — Clark, H. L. (285) 1941
Salenocidaris varispina A. Agassiz — Clark, H. L. (285) 1941
Schizaster orbignyanus A. Agassiz — Clark, H. L. (285) 1941
Stereocidaris ingolfiana Mortensen — Clark, H. L. (285) 1941
Strongylocentrotus dröbachiensis (O. F. Müller) — Clark, A. H. (471) 1949
Stylocidaris affinis (Philippi) — Clark, H. L. (285) 1941

Tripneustes esculentus (Leske) — Clark, H. L. (285) 1941

Class Holothurioidea

Amphigymnas bahamensis Deichmann — Deichmann (248) 1940
Bathyplotes bigelowi n. sp. — Deichmann (248) 1940

Bathyplotes pourtalesi (Théel) — Deichmann (248) 1940
Benthodytes lingua Perrier — Deichmann (248) 1940
Benthodytes typica Théel — Deichmann (248) 1940

Caudina arenata (Gould) — Deichmann (248) 1940
Chiridota sp. — Deichmann (248) 1940
Chiridota ferruginea (Verrill) — Deichmann (248) 1940
Deima blakei Théel — Deichmann (248) 1940

Euapta sp. — Deichmann (248) 1940
Euphronides kernervei (Hérouard) — Deichmann (248) 1940
Euphronides violacea Perrier — Deichmann (248) 1940
Eupyrgus scaber Lütken — Deichmann (248) 1940

Gephyrothuria glauca (H. L. Clark) — Deichmann (248) 1940
Gephyrothuriidae fam. nov. — Deichmann (248) 1940

Hedingia albicans (Théel) — Deichmann (248) 1940
Holothuria lentiginosa v. Marenzeller — Deichmann (248) 1940
Holothuria mexicana Ludwig — Deichmann (248) 1940
Holothuria occidentalis Ludwig — Deichmann (248) 1940

Mesothuria gargantua Deichmann	Deichmann (248) 1940
Mesothuria maroccana Perrier	Deichmann (248) 1940
Mesothuria verrilli (Théel)	Deichmann (248) 1940
Molpadia agassizi (Théel)	Deichmann (248) 1940
Molpadia barbouri n. sp.	Deichmann (248) 1940
Molpadia cubana n. sp.	Deichmann (240) 1940
Molpadia blakei (Théel)	Deichmann (248) 1940
Molpadia musculus (Risso)	Deichmann (248) 1940
Molpadia oolitica (Pourtalès)	Deichmann (248) 1940
Molpadia parva (Théel)	Deichmann (248) 1940
Orphnurgus asper Théel	Deichmann (248) 1940
Paracaudina obesacauda (H. L. Clark)	Deichmann (248) 1940
Protankyra brychia (Verrill)	Deichmann (248) 1940
Pseudostichopus occultatus v. Marenzeller	Deichmann (248) 1940
Psolus pourtalesi Théel	Deichmann (248) 1940
Sphaerothuria asperrima Théel	Deichmann (248) 1940
Sphaerothuria talismani (Perrier)	Deichmann (248) 1940
Stichopus badionotus Selenka	Deichmann (248) 1940
Stichopus regalis (Cuvier)	Deichmann (248) 1940
Synallactes crucifera Perrier	Deichmann (248) 1940
Zygothuria lactea (Théel)	Deichmann (248) 1940

PHYLUM ANNELIDA

Benthoscolex cubanus n. sp.	Hartman (320) 1942
Chloeia viridis Schmarda	Hartman (320) 1942
Eunice aphroditois (Pallas)	Hartman (320) 1942
Eunice mutilata Webster	Hartman (320) 1942
Hesione intertexta Grube	Hartman (320) 1942
Hyalinoecia tubicola (O. F. Müller)	Hartman (320) 1942
Leanira oculata n. sp.	Hartman (320) 1942
Laetmonice filicornis (Kinberg)	Hartman (320) 1942
Lysarete brasiliensis Kinberg	Hartman (320) 1942
Nephtys phyllobranchia McIntosh	Hartman (320) 1942
Nereis riisei Grube	Hartman (320) 1942
? *Panthalis pacifica* Treadwell	Hartman (320) 1942
Pareulepis wyvillei (McIntosh)	Hartman (320) 1942
Platynereis dumerilii (Audouin & Edwards)	Hartman (320) 1942
Polyodontes frons Hartman	Hartman (320) 1942
Psammolyce flava Kinberg	Hartman (302) 1942
Psammolyce pendula n. sp.	Hartman (302) 1942
Serpula 2 spp. (fossil)	Stephenson (81) 1936
Sternaspis scutata (Ranzani)	Hartman (320) 1942

PHYLUM ARTHROPODA
SUBPHYLUM CHELICERATA

Class Arachnida

Halarachne americana Banks	Newell (340) 1947
Halarachne halichoeri Allman	Newell (340) 1947
Halarachne miroungae Ferris	Newell (340) 1947
Halarachne sp. Blanchard	Newell (340) 1947
Orthohalarachne n. gen.	Newell (340) 1947
Orthohalarachne attenuata (Banks)	Newell (340) 1947
Orthohalarachne diminuata (Doetschman)	Newell (340) 1947
Orthohalarachne magellanica (Finnegan)	Newell (340) 1947
Orthohalarachne reflexa (Tubb)	Newell (340) 1947
Orthohalarachne rosmari (Oudemans)	Newell (340) 1947
Orthohalarachne zalophi (Oudemans)	Newell (340) 1947
Pneumonyssus Banks	Newell (340) 1947

SUBPHYLUM MANDIBULATA
SUPERCLASS CRUSTACEA

Subclass Copepoda

Adelopoda ramabula n. gen., n. sp.	Pennak (307) 1942
Psammoleptastacus arenaridus n. gen., n. sp.	Pennak (307) 1942
Psammotopa vulgaris n. gen., n. sp.	Pennak (307) 1942
Remanea plumosa n. sp.	Pennak (307) 1942

Subclass Malacostraca

Acanthocarpus alexandri Stimpson	Chace (269) 1940
Anomalothir frontalis (A. Milne Edwards)	Chace (269) 1940
Anomalothir furcillatus (Stimpson)	Chace (269) 1940
Bathynectes superba (Costa)	Chace (269) 1940
Bathyplax typhla A. Milne Edwards	Chace (269) 1940
Calappa flammea (Herbst)	Chace (269) 1940
Callinectes danae Smith	Chace (269) 1940
Callinectes exasperatus (Gerstaecker)	Chace (269) 1940
Callinectes ornatus Ordway	Chace (269) 1940
Callinectes sapidus sapidus Rathbun	Chace (269) 1940
Cancer borealis Stimpson	Chace (269) 1940
Cardiosoma guanhumi Latreille	Chace (269) 1940
Carpilius corallinus (Herbst)	Chace (269) 1940
Chasmocarcinus cylindricus Rathbun	Chace (269) 1940
Chasmocarcinus obliquus Rathbun	Chace (269) 1940
Chirostylus affinis n. sp.	Chace (322) 1942
Chirostylus spinifer (A. Milne Edwards)	Chace (322) 1942
Chloridella heptacantha n. sp.	Chace (199) 1939
Cyclodorippe agassizii A. Milne Edwards	Chace (269) 1940

Cyclodorippe ornata n. sp. — Chace (269) 1940
Cymonomus caecus n. sp. — Chace (269) 1940
Cymonomus cubensis n. sp. — Chace (269) 1940
Cymonomus rostratus n. sp. — Chace (269) 1940
Cymopolia cursor A. Milne Edwards — Chace (269) 1940
Cymopolia depressa (Rathbun) — Chace (269) 1940
Cymopolia floridana Rathbun? — Chace (269) 1940
Cymopolia gracilipes A. Milne Edwards — Chace (269) 1940
Cymopolia gracilis Smith — Chace (269) 1940
Cymopolia sica A. Milne Edwards — Chace (269) 1940

Dicranodromia ovata A. Milne Edwards — Chace (269) 1940
Dromidia antillensis Stimpson — Chace (269) 1940

Esopus crassus A. Milne Edwards — Chace (269) 1940
Ethusa microphthalma Smith — Chace (269) 1940
Ethusa tenuipes Rathbun — Chace (269) 1940
Euchirograpsus americanus A. Milne Edwards — Chace (269) 1940
Eumunida picta Smith — Chace (322) 1942
Eunephrops cadenasi n. sp. — Chace (199) 1939
Euprognatha rastellifera acuta A. Milne Edwards — Chace (269) 1940
Eurytium limosum (Say) — Chace (269) 1940
Eusicyonia brevirostris (Stimpson) — Burkenroad (203) 1939
Eusicyonia dorsalis (Kingsley) — Burkenroad (203) 1939
Eusicyonia stimpsoni [A. Milne-Edwards MS] (Bouvier) — Burkenroad (203) 1939

Galathea agassizii A. Milne Edwards — Chace (322) 1942
Gecarcinus ruricola (Linnaeus) — Chace (269) 1940
Geryon affinis A. Milne Edwards and Bouvier — Chace (269) 1940
Geryon quinquedens Smith — Chace (269) 1940
Glyphocrangon alispina n. sp. — Chace (199) 1939
Glyphocrangon (Plastocrangon) caecescens atlantica n. subsp. — Chace (199) 1939
Goneplax rosaea (A. Milne Edwards) — Chace (269) 1940
Goniopsis cruentata (Latreille) — Chace (269) 1940

Hepatus princeps (Herbst) — Chace (269) 1940
Holoplites armata (A. Milne Edwards) — Chace (269) 1940
Homolodromia paradoxa A. Milne Edwards — Chace (269) 1940
Homologenus rostratus (A. Milne Edwards) — Chace (269) 1940

Latreillia elegans Roux — Chace (269) 1940
Leptopisa setirostris (Stimpson) — Chace (269) 1940
Lucaya bigelowi n. gen., n. sp. — Chace (199) 1939
Lyreidus bairdii Smith — Chace (269) 1940

Menippe mercenaria (Say) — Chace (269) 1940
Micropanope levimanus n. sp. — Chace (269) 1940
Micropanope urinator (A. Milne Edwards) — Chace (269) 1940
Mithrax (Mithraculus) forceps (A. Milne Edwards) — Chace (269) 1940
Mithrax (Mithrax) spinosissimus (Lamarck) — Chace (269) 1940
Munida affinis A. Milne Edwards — Chace (322) 1942
Munida benedicti n. sp. — Chace (322) 1942

Munida constricta A. Milne Edwards	Chace (322) 1942
Munida evermanni Benedict	Chace (322) 1942
Munida flinti Benedict	Chace (322) 1942
Munida forceps A. Milne Edwards	Chace (322) 1942
Munida irrasa A. Milne Edwards	Chace (322) 1942
Munida longipes A. Milne Edwards	Chace (322) 1942
Munida microphthalma A. Milne Edwards	Chace (322) 1942
Munida miles A. Milne Edwards	Chace (322) 1942
Munida nuda Benedict	Chace (322) 1942
Munida sancti-pauli Henderson	Chace (322) 1942
Munida schroederi n. sp.	Chace (199) 1939; (322) 1942
Munida sculpta Benedict	Chace (322) 1942
Munida stimpsoni A. Milne Edwards	Chace (322) 1942
Munida striata n. sp.	Chace (322) 1942
Munida subcaeca Bouvier	Chace (322) 1942
Munidopsis abbreviata (A. Milne Edwards)	Chace (322) 1942
Munidopsis abdominalis (A. Milne Edwards)	Chace (322) 1942
Munidopsis armata (A. Milne Edwards)	Chace (322) 1942
Munidopsis bahamensis Benedict	Chace (322) 1942
Munidopsis barbarae (Boone)	Chace (322) 1942
Munidopsis bermudezi n. sp.	Chace (199) 1939; (322) 1942
Munidopsis brevimana (A. Milne Edwards)	Chace (322) 1942
Munidopsis cubensis n. sp.	Chace (322) 1942
Munidopsis erinacea (A. Milne Edwards)	Chace (322) 1942
Munidopsis expansa Benedict	Chace (322) 1942
Munidopsis latifrons (A. Milne Edwards)	Chace (322) 1942
Munidopsis longimana (A. Milne Edwards)	Chace (322) 1942
Munidopsis riveroi n. sp.	Chace (199) 1939; (322) 1942
Munidopsis rostrata (A. Milne Edwards)	Chace (322) 1942
Munidopsis simplex (A. Milne Edwards)	Chace (322) 1942
Munidopsis serratifrons (A. Milne Edwards)	Chace (322) 1942
Munidopsis sigsbei (A. Milne Edwards)	Chace (322) 1942
Munidopsis spinifer (A. Milne Edwards)	Chace (322) 1942
Munidopsis spinoculata (A. Milne Edwards)	Chace (322) 1942
Munidopsis spinosa (A. Milne Edwards)	Chace (322) 1942
Munidopsis tridens (A. Milne Edwards)	Chace (322) 1942
Munidopsis tridentata (Esmark)	Chace (322) 1942
Myropsis quinquespinosa Stimpson	Chace (269) 1940
Panopeus herbstii H. Milne Edwards	Chace (269) 1940
Paracyclois atlantis n. sp.	Chace (199) 1939; (269) 1940
Paralomis cubensis n. sp.	Chace (199) 1939
Parapasiphaë macrodactyla n. sp.	Chace (199) 1939
Parapenaeus longirostris (Lucas)	Burkenroad (203) 1939
Parthenope (*Platylambrus*) *pourtalesii* Stimpson	Chace (269) 1940
Pasiphaea poeyi n. sp.	Chace (199) 1939
Penaeus aztecus Ives	Burkenroad (203) 1939
Penaeus brasiliensis Latreille	Burkenroad (203) 1939
Penaeus duorarum n. sp.	Burkenroad (203) 1939

Penaeus setiferus (Linnaeus)	Burkenroad (203) 1939
Pilumnoplax americana Rathbun	Chace (269) 1940
Pilumnoplax nitida n. sp.	Chace (269) 1940
Plesionika macropoda n. sp.	Chace (199) 1939
Podochela curvirostris (A. Milne Edwards)	Chace (269) 1940
Podochela riisei Stimpson	Chace (269) 1940
Porcellana sigsbeiana A. Milne Edwards	Chace (322) 1942
Portunus (Achelous) ordwayi Stimpson	Chace (269) 1940
Portunus (Achelous) sebae (H. Milne Edwards)	Chace (269) 1940
Portunus (Achelous) spinicarpus (Stimpson)	Chace (269) 1940
Portunus (Achelous) spinimanus Latreille	Chace (269) 1940
Portunus (Portunus) sayi (Gibbs)	Chace (269) 1940
Portunus (Portunus) ventralis (A. Milne Edwards)	Chace (269) 1940
Psalidopus barbouri n. sp.	Chace (199) 1939
Pseudorhombila octodentata Rathbun	Chace (269) 1940
Pylopagurus cavimanus n. sp.	Chace (199) 1939
Pyromaia cuspidata Stimpson	Chace (269) 1940
Pyromaia propinqua n. sp.	Chace (269) 1940
Raninoides lamarcki Milne Edwards & Bouvier	Chace (269) 1940
Rochinia crassa (A. Milne Edwards)	Chace (269) 1940
Rochinia hystrix (Stimpson)	Chace (269) 1940
Rochinia umbonata (Stimpson)	Chace (269) 1940
Simodorippe tylota n. gen., n. sp.	Chace (269) 1940
Solenocera atlantidis n. sp.	Burkenroad (203) 1939
Solenocera necopina n. sp.	Burkenroad (203) 1939
Solenocera vioscai Burkenroad	Burkenroad (203) 1939
Solenolambrus tenellus Stimpson	Chace (269) 1940
Solenolambrus typicus Stimpson	Chace (269) 1940
Stenocionops spinosissima (Saussure)	Chace (269) 1940
Stenorhynchus seticornis (Herbst)	Chace (249) 1940
Temnonotus granulosus A. Milne Edwards	Chace (269) 1940
Tetraxanthus bidentatus (A. Milne Edwards)	Chace (269) 1940
Tetraxanthus rathbunae n. sp.	Chace (199) 1939; (269)1940
Thelxiope barbata (Fabricius)	Chace (269) 1940
Thelxiope vigil (A. Milne Edwards)	Chace (269) 1940
Trachymaia cornuta A. Milne Edwards	Chace (269) 1940
Trachypengeus constrictus (Stimpson)	Burkenroad (203) 1939
Trachypengeus similis (Smith)	Burkenroad (203) 1939
Trizocarcinus tacitus n. sp.	Chace (269) 1940
Uroptychus aguayoi n. sp.	Chace (199) 1939; (322) 1942
Uroptychus brevis Benedict	Chace (322) 1942
Uroptychus capillatus Benedict	Chace (322) 1942
Uroptychus fornicatus n. sp.	Chace (322) 1942
Uroptychus jamaicensis Benedict	Chace (322) 1942
Uroptychus nitidus (A. Milne Edwards)	Chace (322) 1942
Uroptychus rugosus (A. Milne Edwards)	Chace (322) 1942
Uroptychus spinosus (A. Milne Edwards & Bouvier)	Chace (322) 1942

Uroptychus uncifer (A. Milne Edwards) — Chace (322) 1942
Xiphopeneus kroyeri (Heller) — Burkenroad (203) 1939

PHYLUM MOLLUSCA

Class Gastropoda

Anchura pontana n. sp. (fossil) — Stephenson (81) 1936
Aporrhais occidentalis (Beck) — Clarke (722) 1954
Aurinia bermudezi n. sp. — Clench & Aguayo (250) 1940
Aurinia dohrni Sowerby — Clench & Aguayo (250) 1940
Aurinia dohrni florida nom. nov. — Clench & Aguayo (250) 1940
Aurinia dubia (Broderip) — Clench & Aguayo (250) 1940
Aurinia gouldiana Dall — Clench & Aguayo (250) 1940
Aurinia junonia Shaw — Clench & Aguayo (250) 1940
Aurinia neptunia n. sp. — Clench & Aguayo (250) 1940
Aurinia robusta Dall — Clench & Aguayo (250) 1940
Aurinia schmitti Bartsch — Clench & Aguayo (250) 1940
Avellana pelagana n. sp. (fossil) — Stephenson (81) 1936

Bathyaurinia n. gen. — Clench & Aguayo (250) 1940
Bathyaurinia aguayoi n. sp. — Clench (265) 1940
Bathyaurinia piratica n. sp. — Clench & Aguayo (250) 1940
Bathyaurinia torrei Pilsbry — Clench & Aguayo (250) 1940
Buccinum canetae n. sp. — Clench & Aguayo (334) 1944
Buccinum ciliatum Bruguière — Clarke (722) 1954

Calliostoma bairdi Verrill & Smith — Clarke (722) 1954
Calliostoma jucundum (Gould) — Clench & Aguayo (198) 1938
Calliostoma veliei Pilsbry — Clench & Aguayo (198) 1938
Calliostoma (Astele) bigelowi n. sp. — Clench & Aguayo (198) 1938
Calliostoma (Astele) hassler n. sp. — Clench & Aguayo (224) 1939
Calliostoma (Calliostoma) atlantis n. sp. — Clench & Aguayo (250) 1940
Calliostoma (Calliostoma) blakei n. sp. — Clench & Aguayo (198) 1938
Calliostoma (Calliostoma) carcellesi n. sp. — Clench & Aguayo (250) 1940
Calliostoma (Calliostoma) cubanum n. sp. — Clench & Aguayo (250) 1940
Calliostoma (Calliostoma) schroederi n. sp. — Clench & Aguayo (198) 1938
Calliostoma (Calliostoma) torrei n. sp. — Clench & Aguayo (250) 1940
Capulus ungaricus (Linnaeus) — Clarke (722) 1954
Cerithium georgesensis n. sp. (fossil) — Stephenson (81) 1936
Cochlespira (Ancistrosyrinx) radiata cubana n. subsp. — Clench & Aguayo (250) 1940
Columbarium atlantis n. sp. — Clench & Aguayo (198) 1938
Columbarium bartletti n. sp. — Clench & Aguayo (250) 1940
Columbarium bermudezi n. sp. — Clench & Aguayo (198) 1938
Colus islandicus (Gmelin) — Clarke (722) 1954
Colus pubescens (Verrill) — Clarke (722) 1954
Colus stimpsoni stimpsoni (Mörch) — Clarke (722) 1954

Ficus atlanticus n. sp. — Clench & Aguayo (250) 1940
Ficus howelli n. sp. — Clench & Aguayo (250) 1940
Ficus papyratius Say — Clench & Aguayo (250) 1940

Gaza daedala Watson — Clench & Aguayo (198) 1938
Gaza fischeri Dall — Clench & Aguayo (198) 1938
Gaza rathbuni Dall — Clench & Aguayo (198) 1938
Gaza superba (Dall) — Clench & Aguayo (198) 1938
Gaza superba cubana n. subsp. — Clench & Aguayo (250) 1940
Gaza watsoni (Dall) — Clench & Aguayo (198) 1938

Howellia mirabilis n. gen., n. sp. — Clench & Aguayo (289) 1941

Latiaxis juliae n. sp. — Clench & Aguayo (224) 1939
Latirus (Hemipolygona) mcmurrayi n. sp. — Clench & Aguayo (289) 1941

Metula agassizi n. sp. — Clench & Aguayo (289) 1941
Metula fusiformis n. sp. — Clench & Aguayo (289) 1941

Natica clausa Broderip & Sowerby — Clarke (722) 1954
Neptunea decemcostata (Say) — Clarke (722) 1954
Neptunea despecta tornata (Gould) — Clarke (722) 1954

Oocorys barbouri n. sp. — Clench & Aguayo (224) 1939
Oocorys sulcata caribbaea n. subsp. — Clench & Aguayo (224) 1939

Pleurotomella agassizi Verrill & Smith — Clarke (722) 1954
Polinices (?) sp. (fossil) — Stephenson (81) 1936
Polinices heros (Say) — Clarke (722) 1954
Polinices triseriata (Say) — Clarke (722) 1954

Scaphander punctostriatus (Mighels & Adams) — Clarke (722) 1954
Solariella ottoi (Philippi) — Clarke (722) 1954
Solariella pourtalesi n. sp. — Clench & Aguayo (224) 1939

Terebra evelynae n. sp. — Clench & Aguayo (224) 1939
Turritella macneili n. sp. (fossil) — Stephenson (81) 1936
Turritella thomsonina n. sp. — Stephenson (81) 1936
Tylotia cadenasi n. sp. — Clench & Aguayo (224) 1939

Volutoderma (?) *venusta* n. sp. (fossil) — Stephenson (81) 1936

Class Scaphopoda

Cadulus (Cadulus) ampullaceus Watson — Turner (779) 1955
Cadulus (Cadulus) exiguus Watson — Turner (779) 1955
Cadulus (Gadila) acus Dall — Turner (779) 1955
Cadulus (Gadila) iota nanus n. subsp. — Clench & Aguayo (224) 1939
Cadulus (Gadila) mayori Henderson — Turner (779) 1955
Cadulus (Gadila) verrilli Henderson — Turner (779) 1955
Cadulus (Platyschides) agassizii Dall — Turner (779) 1955
Cadulus (Platyschides) braziliensis Henderson — Turner (779) 1955
Cadulus (Platyschides) elongatus Henderson — Turner (779) 1955
Cadulus (Platyschides) grandis Verrill — Turner (779) 1955
Cadulus (Platyschides) simpsoni Henderson — Turner (779) 1955
Cadulus (Platyschides) watsoni Dall — Turner (779) 1955
Cadulus (Polyschides) carolinensis Bush — Turner (779) 1955
Cadulus (Polyschides) quadridentatus Dall — Turner (779) 1955
Cadulus (Polyschides) tetraschistus Watson — Turner (779) 1955
Cadulus (Polyschides) tetrodon Pilsbry & Sharp — Turner (779) 1955

Dentalium spp. (fossil)	Stephenson (81) 1936
Dentalium (*Antalis*) *antillarum* d'Orbigny	Turner (779) 1955
Dentalium (*Antalis*) *bartletti* Henderson	Turner (779) 1955
Dentalium (*Antalis*) *ceratum* Dall	Turner (779) 1955
Dentalium (*Antalis*) *disparile* d'Orbigny	Turner (779) 1955
Dentalium (*Antalis*) *entale stimpsoni* Henderson	Turner (779) 1955
Dentalium (*Antalis*) *taphrium* Dall	Turner (779) 1955
Dentalium (*Bathoxiphus*) *didymum* Watson	Turner (779) 1955
Dentalium (*Dentalium*) *carduum* Dall	Turner (779) 1955
Dentalium (*Dentalium*) *laqueatum* Verrill	Turner (779) 1955
Dentalium (*Dentalium*) *obscurum* Dall	Turner (779) 1955
Dentalium (*Episiphon*) *sowerbyi* Guilding	Turner (779) 1955
Dentalium (*Fissidentalium*) *meridionale verrilli* Henderson	Turner (779) 1955
Dentalium (*Graptacme*) *calamus* Dall	Turner (779) 1955
Dentalium (*Graptacme*) *eboreum* Conrad	Turner (779) 1955
Dentalium (*Graptacme*) *semistriolatum* Guilding	Turner (779) 1955
Dentalium (*Laevidentalium*) *callipeplum* Dall	Turner (779) 1955
Dentalium (*Laevidentalium*) *perlongum* Dall	Turner (779) 1955
Entalina platamodes Watson	Turner (779) 1955

Class Pelecypoda

Acila banquereauensis n. sp. (fossil)	Stephenson (81) 1936
Anomia aculeata Müller	Clarke (722) 1954
Anomia cf. *argentaria* Morton (fossil)	Stephenson (81) 1936
Aphrodina marina n. sp. (fossil)	Stephenson (81) 1936
Arctica islandica (Linnaeus)	Clarke (722) 1954
Astarte subaequilatera Sowerby	Clarke (722) 1954
Breviarca scotiensis n. sp. (fossil)	Stephenson (81) 1936
Cardium (*Criocardium*) *atlanticanum* n. sp. (fossil)	Stephenson (81) 1936
Cardium (*Trachycardium*) sp. (fossil)	Stephenson (81) 1936
Cardium (*Trachycardium*) *longstreeti* Weller? (fossil)	Stephenson (81) 1936
Cardium (*Trachycardium*) *vaughani* Stephenson? (fossil)	Stephenson (81) 1936
Corbula spp. (fossil)	Stephenson (81) 1936
Corbula latona n. sp. (fossil)	Stephenson (81) 1936
Corbula tethys n. sp. (fossil)	Stephenson (81) 1936
Crassatellites (?) sp. (fossil)	Stephenson (81) 1936
Crassatellites roodensis Stephenson (fossil)	Stephenson (81) 1936
Cyclina parva Gardner? (fossil)	Stephenson (81) 1936
Cyclorisma (?) sp. (fossil)	Stephenson (81) 1936
Cyclorisma elongata n. sp. (fossil)	Stephenson (81) 1936
Cymbophora sp. (fossil)	Stephenson (81) 1936
Cyprimeria sp. (fossil)	Stephenson (81) 1936
Donax (?) *atlantis* n. sp. (fossil)	Stephenson (81) 1936
Etea sp. (fossil)	Stephenson (81) 1936
Exogyra spp. (fossil)	Stephenson (81) 1936
Exogyra ponderosa erraticostata Stephenson (fossil)	Stephenson (81) 1936

Glycymeris subcrenata Wade (fossil) — Stephenson (81) 1936
Gryphaeostrea vomer (Morton) (fossil) — Stephenson (81) 1936

Isocardia novensis n. sp. (fossil) — Stephenson (81) 1936
Legumen intermedium n. sp. (fossil) — Stephenson (81) 1936
Leptosolen sp. (fossil) — Stephenson (81) 1936
Liopistha spp. (fossil) — Stephenson (81) 1936
Lucina olsoni n. sp. (fossil) — Stephenson (81) 1936

Nuculana piscatoria n. sp. (fossil) — Stephenson (81) 1936

Panomya arctica (Lamarck) — Clarke (722) 1954
Pecten (Camptonectes) microcancelli n. sp. (fossil) — Stephenson (81) 1936
Pecten vitreus (Gmelin) — Clarke (722) 1954
Postligata greenensis (Stephenson) (fossil) — Stephenson (81) 1936
Postligata schalki n. sp. (fossil) — Stephenson (81) 1936
Pteria (?) *dalli* n. sp. (fossil) — Stephenson (81) 1936

Tellina spp. (fossil) — Stephenson (81) 1936
Trigonia sp. (fossil) — Stephenson (81) 1936

Yoldia thraciaeformis (Storer) — Clarke (722) 1954

Class Cephalopoda

Abralia redfieldi n. sp. — Voss (750) 1955
Abralia veranyi (Rüppell) — Voss (750) 1955
Alloposus mollis Verrill — Clarke (722) 1954
Argonauta hians Solander — Voss (750) 1955

Bathypolypus arcticus (Prösch) — Clarke (722) 1954

Chiroteuthis lacertosa Verrill — Clarke (722) 1954
Cranchia scabra Leach — Voss (750) 1955

Doryteuthis plei (Blainville) — Voss (750) 1955

Eledonella pygmaea Verrill — Voss (750) 1955

Graneledone verrucosa (Verrill) — Clarke (722) 1954
? *Grimpoteuthis meangensis* (Hoyle) — Voss (750) 1955
Grimpoteuthis umbellata (Fischer) — Voss (750) 1955

Heteroteuthis (Stephanoteuthis) atlantis n. sp. — Voss (750) 1955
Illex illecebrosa (Lesueur) — Clarke (722) 1954; Voss (750) 1955
Liocranchia reinhardti (Steenstrup) — Voss (750) 1955
Lolliguncula brevis (Blainville) — Voss (750) 1955

Mastigoteuthis agassizii Verrill — Clarke (722) 1954
Nectoteuthis pourtalesi Verrill — Voss (750) 1955

Octopus sp. — Voss (750) 1955
Onychoteuthis banksi (Leach) — Voss (750) 1955
Opisthoteuthis agassizi Verrill — Voss (750) 1955

Pteroctopus tetracirrhus (Delle Chiaje) — Voss (750) 1955
Pyroteuthis margaritifera aurantiaca Joubin — Voss (750) 1955

Rossia (Austrorossia) antillensis n. sp. — Voss (750) 1955
Rossia brachyura Verrill — Voss (750) 1955

Rossia sublaevis Verrill — Clarke (722) 1954
Rossia (*Semirossia*) sp. — Voss (750) 1955
Scaeurgus unicirrhus (d'Orbigny) — Voss (750) 1955
Sepioteuthis sepioidea (Blainville) — Voss (750) 1955
Tetracheledone spinicirrus n. gen., n. sp. — Voss (750) 1955
Verrilliteuthis hyperborea (Steenstrup) — Voss (750) 1955

PHYLUM CHORDATA
SUPERCLASS PISCES[1]

Class Agnatha

Myxine glutinosa Linnaeus — Bigelow & Schroeder (61) 1934; (119) 1936
Paramyxine springeri n. sp. — Bigelow & Schroeder (610) 1952
Petromyzon marinus Linnaeus — Bigelow & Schroeder (61) 1934; (119) 1936

Class Chondrichthyes

Alopias vulpinus (Bonnaterre) — Bigelow & Schroeder (61) 1934; (119) 1936
Apristurus atlanticus (Koefoed) — Bigelow, Schroeder & Springer (596) 1953
Apristurus profundorum (Goode & Bean) — Bigelow & Schroeder (692) 1954; Bigelow, Schroeder & Springer (596) 1953
Apristurus riveri n. sp. — Bigelow & Schroeder (333) 1944
Breviraja atripinna n. sp. — Bigelow & Schroeder (511) 1950
Breviraja colesi n. gen., n. sp. — Bigelow & Schroeder (447) 1948
Breviraja cubensis n. sp. — Bigelow & Schroeder (511) 1950
Breviraja sinus-mexicanus n. sp. — Bigelow & Schroeder (511) 1950
Breviraja spinosa n. sp. — Bigelow & Schroeder (511) 1950
Breviraja yucatanensis n. sp. — Bigelow & Schroeder (511) 1950
Carcharias taurus Rafinesque — Bigelow & Schroeder (61) 1934
Carcharinus obscurus (Lesueur) — Bigelow & Schroeder (61) 1934; (119) 1936
Carcharodon carcharias (Linnaeus) — Bigelow & Schroeder (61) 1934; (119) 1936
Centrophorus granulosus (Bloch & Schneider) — Bigelow, Schroeder & Springer (787) 1955
Centrophorus uyato (Rafinesque) — Bigelow, Schroeder & Springer (596) 1953
Centroscyllium fabricii (Reinhardt) — Bigelow & Schroeder (61) 1934; (692) 1954
Centroscymnus coelolepis Bocage & Capello — Bigelow & Schroeder (61) 1934; (692) 1954
Cestracion tiburo (Linnaeus) — Bigelow & Schroeder (61) 1934; (119) 1936
Cestracion zygaena (Linnaeus) — Bigelow & Schroeder (61) 1934; (119) 1936
Cetorhinus maximus (Gunnerus) — Bigelow & Schroeder (61) 1934
Chimaera affinis Capello — Bigelow & Schroeder (61) 1934; (119) 1936
Chlamydoselachus anguineus Garman — Bigelow & Schroeder (61) 1934
Cruriraja atlantis n. gen., n. sp. — Bigelow & Schroeder (447) 1948
Cruriraja poeyi n. sp. — Bigelow & Schroeder (447) 1948
Dalatias licha (Bonnaterre) — Bigelow, Schroeder & Springer (787) 1955
Dasybatus centroura (Mitchill) — Bigelow & Schroeder (61) 1934
Diplobatis ommata (Jordan & Gilbert) — Bigelow & Schroeder (447) 1940
Echinorhinus brucus (Bonnaterre) — Bigelow & Schroeder (61) 1934
Etmopterus polli n. sp. — Bigelow, Schroeder & Springer (596) 1953

[1] The following books, which are indexed, include species not listed here: Bigelow and Schroeder (720), (721) 1948; (592) 1953; (570), (571) 1953. See Author Index.

Etmopterus princeps Collett
Bigelow & Schroeder (692) 1954; Bigelow, Schroeder & Springer (596) 1953
Etmopterus pusillus (Lowe) Bigelow, Schroeder & Springer (787) 1955
Etmopterus schultzi n. sp. Bigelow, Schroeder & Springer (596) 1953
Etmopterus virens n. sp. Bigelow, Schroeder & Springer (596) 1953
Eulamia springeri n. sp. Bigelow & Schroeder (333) 1944

Galeocerdo arcticus (Faber) Bigelow & Schroeder (61) 1934

Harriotta raleighana Goode & Bean Bigelow & Schroeder (511) 1950; (692) 1954
Hydrolagus affinis (Brito-Capello) Bigelow & Schroeder (692) 1954
Hydrolagus alberti n. sp. Bigelow & Schroeder (555) 1951

Isurus nasus (Bonnaterre) Bigelow & Schroeder (61) 1934; (119) 1936
Isurus tigris (Atwood) Bigelow & Schroeder (61) 1934; (119) 1936

Mustelus canis (Mitchill) Bigelow & Schroeder (61) 1934
Mustelus mustelus (Linnaeus) Bigelow & Schroeder (119) 1936

Narcacion nobilianus (Bonaparte) Bigelow & Schroeder (61) 1934; (119) 1936
Neoharriota n. gen. Bigelow & Schroeder (511) 1950
Neoharriota pinnata (Schnakenbeck) Bigelow & Schroeder (511) 1950

Prionace glauca (Linnaeus) Bigelow & Schroeder (61) 1934; (119) 1936
Pseudoraja fischeri n. gen., n. sp. Bigelow & Schroeder (657) 1954
Pseudorajidae fam. nov. Bigelow & Schroeder (657) 1954

Raja bathyphila Holt & Byrne Bigelow & Schroeder (692) 1954
Raja diaphanes Mitchill Bigelow & Schroeder (61) 1934; (119) 1936
Raja eglanteria Bosc Bigelow & Schroeder (119) 1936
Raja erinacea Mitchill Bigelow & Schroeder (61) 1934; (119) 1936
Raja fuliginea n. sp. Bigelow & Schroeder (657) 1954
Raja fyllae Lütken Bigelow & Schroeder (61) 1934; (692) 1954
Raja granulata Goode & Bean Bigelow & Schroeder (61) 1934
Raja hyperborea Collett Bigelow & Schroeder (61) 1934
Raja jenseni n. sp. Bigelow & Schroeder (511) 1950; (692) 1954
Raja laevis Mitchill Bigelow & Schroeder (692) 1954
Raja lentiginosa n. sp. Bigelow & Schroeder (555) 1951
Raja lintea Fries Bigelow & Schroeder (61) 1934
Raja mollis n. sp. Bigelow & Schroeder (511) 1950; (692) 1954
Raja olseni n. sp. Bigelow & Schroeder (555) 1951
Raja radiata Donovan Bigelow & Schroeder (61) 1934; (692) 1954
Raja scabrata Garman Bigelow & Schroeder (61) 1934; (119) 1936
Raja senta Garman Bigelow & Schroeder (119) 1936; (692) 1954
Raja spinicauda Jensen Bigelow & Schroeder (61) 1934; (692) 1954
Raja stabuliforis Garman Bigelow & Schroeder (61) 1934; (119) 1936
Raja teevani n. sp. Bigelow & Schroeder (555) 1951
Rhinochimaera Garman Bigelow & Schroeder (511) 1950
Rhinochimaera atlantica Holt & Byrne Bigelow & Schroeder (692) 1954

Scyliorhinus retifer (Garman) Bigelow, Schroeder & Springer (596) 1953
Scymnodon melas n. sp. Bigelow, Schroeder & Springer (596) 1953
Somniosus microcephalus (Bloch & Schneider)
Bigelow & Schroeder (61) 1934; (119) 1936; (333) 1940

Somniosus pacificus n. sp. — Bigelow & Schroeder (333) 1940
Springeria folirostris n. gen., n. sp. — Bigelow & Schroeder (554) 1951
Squalus acanthias Linnaeus — Bigelow & Schroeder (61) 1934; (119) 1936
Squalus cubensis Howell-Rivero — Bigelow, Schroeder & Springer (596) 1953
Squalus fernandinus Molina — Bigelow, Schroeder & Springer (596) 1953
Triakis barbouri n. sp. — Bigelow & Schroeder (333) 1944

Class Osteichthyes

Acipenser brevirostris LeSueur — Bigelow & Schroeder (119) 1936
Acipenser sturio Linnaeus — Bigelow & Schroeder (119) 1936
Alepisaurus ferox Lowe — Bigelow & Schroeder (119) 1936
Alepocephalus agassizii Goode & Bean — Schroeder (283) 1940
Alutera scripta (Osbeck) — Bigelow & Schroeder (119) 1936
Anarrhichas minor Olafsen — Bigelow & Schroeder (119) 1936
Anchoviella epsetus (Bonnaterre) — Bigelow & Schroeder (119) 1936
Anchoviella mitchilli (Cuvier & Valenciennes) — Bigelow & Schroeder (119) 1936
Ancylopsetta dilecta (Goode and Bean) — Hsiao (254) 1940
Anguilla rostrata (Lesueur) — Bigelow & Schroeder (119) 1936
Antimora rostrata Günther — Schroeder (283) 1940
Argentina silus Ascanius — Bigelow & Schroeder (119) 1936
Artediellus uncinatus (Reinhardt) — Bigelow & Schroeder (119) 1936
Balistes carolinensis Gmelin — Bigelow & Schroeder (119) 1936
Bathypterois (*Hemipterois*) *nigrescens* n. sp. — Parr (35) 1934
Bathysaurus ferox Günther — Schroeder (283) 1940
Bonapartia pedaliota Goode & Bean — Parr (35) 1934
Borophryne masculina n. sp. — Parr (34) 1934
Brosme brosme (Müller) — Bigelow & Schroeder (119) 1936
Brotulotaenia crassa n. sp. — Parr (35) 1934
Caranx bartholomaei Cuvier & Valenciennes — Nichols (233) 1939
Caranx crysos (Mitchill) — Bigelow & Schroeder (119) 1936; Nichols (233) 1939
Caranx hippos (Linnaeus) — Bigelow & Schroeder (119) 1936; Nichols (233) 1939
Caranx ruber (Bloch) — Nichols (233) 1939
Caranx sexfasciatus Quoy & Gaimard — Nichols (233) 1939
Caulolepis longidens Gill — Schroeder (283) 1940
Centropristes striatus (Linnaeus) — Bigelow & Schroeder (119) 1936
Ceratioidea — Waterman (211) 1939
Cetomimus gilli Goode & Bean — Parr (35) 1934
Cetomimus kerdops n. sp. — Parr (35) 1934
Cetostomus regani Zugmayer — Parr (35) 1934
Chalinura simula Goode & Bean — Schroeder (283) 1940
Chauliodus sloani Bloch & Schneider — Bigelow & Schroeder (119) 1936; Schroeder (283) 1940
Chirostomias pliopterus Regan & Trewavas — Schroeder (283) 1940
Citharichthys arctifrons Goode — Bigelow & Schroeder (119) 1936
Clupea harengus Linnaeus — Bigelow & Schroeder (119) 1936
Conger oceanica (Mitchill) — Bigelow & Schroeder (119) 1936
Coryphaena hippurus Linnaeus — Bigelow & Schroeder (119) 1936
Coryphaenoides bairdi (Goode & Bean) — Schroeder (283) 1940

Coryphaenoides carapinus Goode & Bean	Schroeder (283) 1940
Cottunculus microps Collett	Bigelow & Schroeder (119) 1936
Cryptacanthodes maculatus Storer	Bigelow & Schroeder (119) 1936
Cyclothone microdon Günther	Parr (35) 1934
Cyclothone pallida Brauer	Parr (35) 1934
Decapterus macarellus (Cuvier & Valenciennes)	Bigelow & Schroeder (119) 1934
Derichthys serpentinus Gill	Parr (35) 1934
Dicrolene intronigra Goode & Bean	Schroeder (283) 1940
Ditropichthys storeri (Goode & Bean)	Parr (35) 1934
Dolopichthys albifilosa n. sp.	Waterman (211) 1939
Echiostoma ctenobarba ctenobarba Parr	Parr (35) 1934
Echiostoma ctenobarba ramifer n. subsp.	Parr (35) 1934
Echiostomata calliobarba n. sp.	Parr (35) 1934
Enchelyopus cimbrius (Linnaeus)	Bigelow & Schroeder (119) 1936
Etropus crossotus Jordan & Gilbert	Hsiao (254) 1940
Etrumeus sadina (Mitchill)	Bigelow & Schroeder (119) 1936
Eurypharynx pelecanoides Vaillant	Schroeder (283) 1940
Fistularia tabacaria Linnaeus	Bigelow & Schroeder (119) 1936
Gadus callaris Linnaeus	Bigelow & Schroeder (119) 1936
Gibberichthys pumilus Parr	Parr (35) 1934
Gigantactis longicirra n. sp.	Waterman (211) 1939
Glyptocephalus cynoglossus (Linnaeus)	Bigelow & Schroeder (119) 1936
Gonostoma bathyphilum (Vaillant)	Schroeder (283) 1940
Gonostoma elongatum Günther	Schroeder (283) 1940
Gyrinomimus myersi n. sp.	Parr (35) 1934
Helicolenus dactylopterus (De la Roche)	Bigelow & Schroeder (119) 1936
Hemitripterus americanus (Gmelin)	Bigelow & Schroeder (119) 1936
Hippoglossoides platessoides (Fabricius)	Bigelow & Schroeder (119) 1936
Histrio histrio (Linnaeus)	Bigelow & Schroeder (119) 1936
Katsuwonus pelamis (Linnaeus)	Bullis & Mather (774) 1956
Lampris regius (Bonnaterre)	Bigelow & Schroeder (119) 1936
Leptoclinus maculatus (Fries)	Bigelow & Schroeder (119) 1936
Limanda ferruginea (Storer)	Bigelow & Schroeder (119) 1936
Linophryne algibarbata n. sp.	Waterman (211) 1939
Linophryne arborifera Regan	Parr (35) 1934
Linophryne arborifera arborifera Regan	Parr (35) 1934
Linophryne arborifera eupogon Regan & Trewavas	Parr (35) 1934
Linophryne coronata Parr	Parr (35) 1934
Linophryne coronata coronata Parr	Parr (35) 1934
Linophryne coronata diphlegma n. subsp.	Parr (35) 1934
Linophryne coronata longibarbata (Borodin)	Parr (35) 1934
Liparis liparis (Linnaeus)	Bigelow & Schroeder (119) 1936
Lophius americanus Cuvier & Valenciennes	Bigelow & Schroeder (119) 1936
Lumpenus lampetraeformis (Walbaum)	Bigelow & Schroeder (119) 1936
Lycenchelys verrillii (Goode & Bean)	Bigelow & Schroeder (119) 1936
Macrourus bairdii Goode & Bean	Bigelow & Schroeder (119) 1936

Makaira albida (Poey)	Bigelow & Schroeder (119) 1936
Mancalias uranoscopus (Murray)	Bigelow & Schroeder (119) 1936
Maurolicus pennanti (Walbaum)	Bigelow & Schroeder (119) 1936
Melanogrammus aeglefinus (Linnaeus)	Bigelow & Schroeder (119) 1936
Merluccius albidus (Mitchill)	Bigelow & Schroeder (732) 1955
Merluccius bilinearis (Mitchill)	Bigelow & Schroeder (119) 1936
Monacanthus ciliatus (Mitchill)	Bigelow & Schroeder (119) 1936
Monacanthus hispidus (Linnaeus)	Bigelow & Schroeder (119) 1936
Myctophum affine (Lütkin)	Schroeder (283) 1940
Myctophum hygomi (Lütkin)	Schroeder (283) 1940
Myoxocephalus octodecimspinosus (Mitchill)	Bigelow & Schroeder (119) 1936
Naucrates ductor (Linnaeus)	Bigelow & Schroeder (119) 1936
Nematonurus armatus (Hector)	Schroeder (283) 1940
Neoliparis atlanticus Jordan & Evermann	Bigelow & Schroeder (119) 1936
Oligoplites saurus (Bloch & Schneider)	Bigelow & Schroeder (119) 1936
Opisthonema oglinum (LeSueur)	Bigelow & Schroeder (119) 1936
Paralichthys oblongus (Mitchill)	Bigelow & Schroeder (119) 1936
Peprilus alepidotus (Linnaeus)	Bigelow & Schroeder (119) 1936
Pholis gunnellus (Linnaeus)	Bigelow & Schroeder (119) 1936
Pisodonophis cruentifer Goode & Bean	Bigelow & Schroeder (119) 1936
Pollachius virens (Linnaeus)	Bigelow & Schroeder (119) 1936
Pomolobus aestivalis (Mitchill)	Bigelow & Schroeder (119) 1936
Pomolobus pseudoharengus (Wilson)	Bigelow & Schroeder (119) 1936
Pomatomus saltatrix (Linnaeus)	Bigelow & Schroeder (119) 1936
Poronotus triacanthus (Peck)	Bigelow & Schroeder (119) 1936
Prionotus strigatus (Cuvier)	Bigelow & Schroeder (119) 1936
Pseudopleuronectes americanus (Walbaum)	Bigelow & Schroeder (119) 1936
Pseudopleuronectes dignabilis Kendall	Bigelow & Schroeder (119) 1936
Remora remora (Linnaeus)	Bigelow & Schroeder (119) 1936
Roccus lineatus (Bloch)	Bigelow & Schroeder (119) 1936
Sarda sarda (Bloch)	Bigelow & Schroeder (119) 1936
Scomber scombrus (Linnaeus)	Bigelow & Schroeder (119) 1936
Scomberesox saurus (Walbaum)	Bigelow & Schroeder (119) 1936
Sebastes marinus (Linnaeus)	Bigelow & Schroeder (119) 1936
Selene vomer (Linnaeus)	Bigelow & Schroeder (119) 1936
Seriola zonata (Mitchill)	Bigelow & Schroeder (119) 1936
Serrivomer beanii Gill & Ryder	Schroeder (283) 1940
Spheroides maculatus (Bloch & Schneider)	Bigelow & Schroeder (119) 1936
Sphyraena borealis DeKay	Bigelow & Schroeder (119) 1936
Stichaeus punctatus (Fabricius)	Bigelow & Schroeder (119) 1936
Stomias boa ferox Reinhardt	Schroeder (283) 1940
Syngnathus fuscus Storer	Bigelow & Schroeder (119) 1936
Syngnathus pelagicus Linnaeus	Bigelow & Schroeder (119) 1936
Taractes princeps Johnson	Bigelow & Schroeder (119) 1936
Thunnus alalunga (Gmelin)	Bullis & Mather (774) 1956
Thunnus atlanticus (Lesson)	Bullis & Mather (774) 1956
Thunnus albacares (Bonnaterre)	Bullis & Mather (774) 1956

Thunnus obesus (Lowe) — Bullis & Mather (774) 1956
Thunnus thynnus (Linnaeus) — Bigelow & Schroeder (119) 1936; Bullis & Mather (774) 1956
Trachurops crumenophthalma (Bloch) — Bigelow & Schroeder (119) 1936
Trachurus trachurus (Linnaeus) — Bigelow & Schroeder (119) 1936
Trematorhynchus phyllodon n. sp. — Parr (35) 1934
Triglops ommatistius Gilbert — Bigelow & Schroeder (119) 1936
Ulvaria subbifurcata (Storer) — Bigelow & Schroeder (119) 1936
Urophycis chesteri (Goode & Bean) — Bigelow & Schroeder (119) 1936
Urophycis regius (Walbaum) — Bigelow & Schroeder (119) 1936
Xiphias gladius Linnaeus — Bigelow & Schroeder (119) 1936
Zoarces anguillaris (Peck) — Bigelow & Schroeder (119) 1936

SUPERCLASS TETRAPODA

Class Mammalia

Eschrichtius glaucus (Cope) — Schevill (626) 1952

ALGAE

Eucampia recta n. sp. — Gran & Braarud (69) 1935
Sargassum fluitans Börgesen — Parr (234) 1939
Sargassum natans Linnaeus — Parr (234) 1939

FUNGI

Chytridium megastomum Sparrow — Sparrow (99) 1936
Chytridium polysiphoniae Cohn — Sparrow (99) 1936
Ectrogella perforans H. E. Petersen — Sparrow (99) 1936
Eurychasmidium n. gen. — Sparrow (99) 1936
Eurychasmidium tumefaciens (Magnus) — Sparrow (99) 1936
Labyrinthula sp. — Sparrow (99) 1936
? *Labyrinthula Chattoni* Dangeard — Sparrow (99) 1936
(?) *Olpidium sphacellarum* Kny. — Sparrow (99) 1936
? *Petersenia* sp. — Sparrow (99) 1936
Petersenia lobata (Petersen) Sparrow — Sparrow (99) 1936
Petersenia (*Olpidiopsis*) *Andrêei* (Lagerheim) comb. nov. — Sparrow (99) 1936
Pleolpidium (*Rozella*) *marinum* n. sp. — Sparrow (99) 1936
Pontisma lagenidioides Petersen — Sparrow (99) 1936
Protomyxa-like parasite — Sparrow (99) 1936
Rhizophidium discinctum Petersen — Sparrow (99) 1936
Rhizophidium globosum (Br.) Schröt. (?) — Sparrow (99) 1936
Sirolpidium bryopsidis (de Bruyne) Petersen — Sparrow (99) 1936
Thraustochytrium proliferum n. gen., n. sp. — Sparrow (99) 1936